

COMPACT CONFERENCE PACKAGE

# **PCS-1600** **PCS-1600P**

COMPACT PROCESSOR

## **PCS-P160/P160P**

REMOTE COMMANDER

## **PCS-R160**

AC ADAPTOR

## **PCS-AC15**

BRI BOARD

## **PCS-I160**

V.35 BOARD

## **PCS-I161**

SONY UPGRADE KIT

## **PCS-UC160/UC161**

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## **SERVICE MANUAL**

Volume 2 1st Edition

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## 警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

## **WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **WARNUNG**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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## このマニュアルについて

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### 本書の目的

本書は、コンパクトテレビ会議システムPCS-1600/1600Pのサービスマニュアルです。本書では、半導体一覧表、パーツリスト、分解図、マウント図、回路図に関する情報を記載しています。

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### 関連マニュアル

本機には、この「サービスマニュアル Vol.2 (9-968-588-21)」のほかに、下記のマニュアルが用意されています。

- **取扱説明書（PCS-1600に付属）**

部品番号：3-205-055-01

サービスマニュアル Vol.1の第1章 取扱説明にも記載されています。

- **サービスマニュアル Vol.1**

部品番号：9-968-587-11

部品の交換方法、回路の動作概説、トラブルシューティング、コマンドリストを記載しています。

- **“Semiconductor Pin Assignments” CD-ROM版（別途用意）**

この“Semiconductor Pin Assignments” CD-ROM版は、B&Pシステムカンパニーの機器に使用されている半導体を検索することができます。

このCD-ROMで検索できない半導体は、その半導体が使用されている機種 of サービスマニュアルに記載されています。サービスマニュアルには、その機種に使用されているすべての半導体一覧とそのID番号を記載していますので、このCD-ROM版と合わせて使用してください。

部品番号：9-968-546-XX

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### 構成

本書の構成を把握していただくために、全章の概略を以下に説明します。

#### Section 7 Semiconductor Pin Assignments

半導体標準図を記載しています。

#### Section 8 Spare Parts

分解図および部品リストを記載しています。

#### Section 9 Board Layouts

基板のマウント図を記載しています。

#### Section 10 Schematic Diagrams

回路図を記載しています。



# Manual Structure

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## Purpose of this manual

This is the Service Manual for the Compact Conference Package PCS-1600/1600P. The manual contains servicing information regarding semiconductor pin assignments, parts list, exploded diagrams, board layouts and schematic diagrams.

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## Related manuals

In addition to this Service Manual Vol. 2 (9-968-588-21), the following manuals are provided.

- **Operation Manual (supplied with PCS-1600/1600P)**

Part No.: 3-205-055-11, 3-205-055-21

Part of the Operation Manual is included also in the Service Manual Vol.1, in Section 1, "Operating Instructions."

- **Service Manual Vol. 1**

Part No.: 9-968-588-11

Describes parts replacement, circuit operations, troubleshooting, and command list.

- **"Semiconductor Pin Assignments" CD-ROM (Available on request)**

This "Semiconductor Pin Assignments" CD-ROM allows you to search for semiconductors used in Broadcasting & Professional Systems Company equipment.

Semiconductors that cannot be searched for on this CD-ROM are listed in the service manual for the corresponding unit. The service manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.

Part number: 9-968-546-XX

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## Contents

The following is a summary of all the sections for understanding the contents of this manual.

### **Section 7 Semiconductor Pin Assignments**

This section describes the pin assignments of semiconductors.

### **Section 8 Spare Parts**

This section describes the exploded views and detailed parts list.

### **Section 9 Board Layouts**

This section describes the board layouts for this unit.

### **Section 10 Schematic Diagrams**

This section describes the schematic diagrams of the boards.



## Section 5

### Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section.

However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.

Pin assignments and block diagrams are based on the IC manufacturer’s data book.

本機に使用されている半導体型名の一覧を下記に示します。索引中、ページが記載されている半導体は、本章の該当ページを参照してください。ただし、互換性のない型名を併記している場合がありますので、部品を交換するときは、Spare Partsの章を参照してください。

また、ID番号が記載されている半導体は、別途発行の“Semiconductor Pin Assignments” CD-ROM版 (ソニー部品番号：9-968-546-xx)を参照してください。

半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は、それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	Page or ID No.
10E2N .....	DA001-01
1SS119 .....	DA001-01
1SS119-25 .....	DA001-01
1SS226 .....	DC001-01
1SS123-T1 .....	DC001-01
1SS352 .....	DC008-02
1SS352-TPH3 .....	DC008-02
DA204U .....	DC001-01
DA204UT106 .....	DC001-01
DTZ12 .....	DC008-04
DTZ-TT11-12 .....	DC008-04
MA113-(TX) .....	DC008-01

TRANSISTOR	Page or ID No.
2SA1610-Y33 .....	TC001-01
2SA1610-T1Y33 .....	TC001-01
2SA1611-M5M6 .....	TC001-01
2SA1611T1-M5M6 .....	TC001-01
2SB1115A-YQ .....	TC002-01
2SB1115A-T1YQYP .....	TC002-01
2SC3356-(R25) .....	TC001-02
2SC3356-T1(R25) .....	TC001-02
2SC4173-B13 .....	TC001-02
2SC4173-T1-B13 .....	TC001-02
2SC4177-L6 .....	TC001-02
2SC4177-T1L5L6 .....	TC001-02
2SJ204-T1B .....	TC001-20
DTC144EUA-T106 .....	TC001-03

LED	Page or ID No.
CL-150D-CD .....	LC001-01
CL-150D-CD-T .....	LC001-01
CL-150G-CD .....	LC001-01
CL-150G-CD-T .....	LC001-01
CL-150PG-CD .....	LC001-01
CL-150PG-CD-T .....	LC001-01
CL-150R-CD .....	LC001-01
CL-150R-CD-T .....	LC001-01
TLG263P .....	LR008-01
TLR224 .....	LR053-01
LN25RP .....	LR053-01

IC Page or ID No.

74LCX00MTCX .....	TC74HC00P
74LCX00SJX .....	TC74HC00P
74LCX04MTCX .....	TC74HC04P
74LCX04SJX .....	TC74HC04P
74LCX08MTCX .....	TC74HC08P
74LCX08SJX .....	TC74HC08P
74LCX125SJX .....	MC74H125N
74LCX157MTCX .....	TC74HC157P
74LCX16240MTDX .....	74LCX16240MTDX
74LCX16244MTDX .....	IDT74FCT16244ATPV
74LCX16245MTDX .....	IDT74FCT16245ATPV-TR
74LCX16374MTDX .....	SN74ABT16374DL
74LCX16821MTDX .....	74LCX16821MTDX
74LCX240MTCX .....	TC74HC240P
74LCX244MTCX .....	TC74HC244P
74LCX244SJX .....	TC74HC244P
74LCX245MTCX .....	TC74HC245P
74LCX32MTCX .....	TC74HC32P
74LCX32SJX .....	TC74HC32P
74LCX540MTCX .....	MC74HC540N
74LCX540SJX .....	MC74HC540N
74LCX541MTCX .....	MC74HC541N
74LCX541SJX .....	MC74HC541N
74LCX574MTCX .....	TC74HC574P
74LCX574SJX .....	TC74HC574P
74LCX74MTCX .....	TC74HC74P
74LCX74SJX .....	TC74HC74P
74LCX821MTCX .....	V74ACT821
74LCX86MTCX .....	TC74HC86P
74LVXC4245QSCX .....	74LVX4245QSCX
74VHC244MTCX .....	TC74HC244P
74VHC574SJX .....	TC74HC574P
74VHCT04MTCX .....	TC74HC04P
74VHCT574AMTCX .....	TC74HC574P
AD8041AR .....	AD8041AR
AD8041AR-REEL .....	AD8041AR
AD9042AST .....	AD9042AST
AM29F040B-120JC .....	AM29F040-90JC
AM29F400BB-70EC .....	MBM29F400BA-12PF
ASLM040B .....	ASLM040B
AT27C010-45JC .....	IS27HC010-30PL
BT865AKRF .....	BT865AKRF
CDC586PAH .....	CDC586PAH
CLC505AJE .....	CLC505AJE
CLC505AJE-T .....	CLC505AJE
CXA1451M .....	CXA1451M
CXB1341R .....	CXB1341R
CXB1342R .....	CXB1342R
CXD2068AQ-1 .....	CXD2068AQ-1
CXD2315Q .....	CXD2306Q
CXD8281Q .....	CXD8281Q
CXD8384Q .....	CXD8384Q
CXD8385Q .....	CXD8385Q
CXD8386AQ .....	CXD8386AQ
CXD8804Q .....	CXD8804Q
CXD8820AR .....	CXD8820AR
CXD8845Q .....	CXD8845Q

CY62256LL-70SNC-T2 .....	CY62256-70SNC-T2
CY7C199-12VC .....	CY7C199-45PC
CY7C199-12VC-T2 .....	CY7C199-45PC
DS1244Y .....	DS1244Y
DS90LV031ATMX .....	DS90LV031
DS90LV032ATMX .....	DS90LV032
EL2244CS .....	RC4558
EL2244CS-TE2 .....	RC4558
EPC1PC8 .....	EPC1PC8
EPF10K20TC144-3(04) .....	EPF10K20TC144-3
EPF10K20TC144-3 .....	EPF10K20TC144-3
EPF10K30RC208-3(04) .....	EPF10K40RC208-3
EPF8452AQC160-4 .....	EPF8452AQC160-4
EPM7032STC44-10 .....	EPM7032VTC44-20
EPM7064SLC44-15 .....	EPM7064SLC44-10(05)
EPM7064SLC44-10(05) .....	EPM7064SLC44-10(05)
EPM7064STC100-10 .....	EPM7064STC100-10
EPM7128STC100-7 .....	EPM7128STC100-7
EPM7128STC100-10 .....	EPM7128STC100-7
EPM7128STC100-15 .....	EPM7128STC100-7
EPM7192SQC160-10 .....	EPM7192SQC160-15
EPM7192SQC160-15(05) .....	EPM7192SQC160-15
EPM7192SQC160-7 .....	EPM7192SQC160-15
GF9102ACTM .....	GF9102ACTM
GF9105-CQQ .....	GF9105-CQQ
GL9P030 .....	LR072-04
HD6417032F20 .....	HD6417032F20
HN58C256AP-10 .....	HN58C256P-20
HY57V161610DTC-7TR .....	HY57V161610DTC-7TR
IBM21S850PFD .....	IBM21S850PFD
IDT7005S25J .....	IDT7005S25J
IDT71024S12Y-TL .....	IDT71024S20Y-TL
IDT71024S15Y-TL .....	IDT71024S20Y-TL
IDT71256SA20Y .....	IDT71256SA20Y
IDT71321SA55J-TL .....	IDT71321SA55J-TL
IDT7164S20Y-TL .....	IDT7164S25Y
IDT71V124S15Y-TL .....	HM62W8127HJP-27
IDT71V256SA20Y .....	IDT71256L-35TP
IDT7200L35SO-TL .....	IDT7200L35SO-TL
IDT74FCT377ATSO .....	TC74HC377P
IP90C63 .....	IP90C63
IP90C63A .....	IP90C63
KMM5328104CKG-6 .....	KMM5328104CKG-6
LF2272QC20 .....	LF2272QC20
LF48212QC-20 .....	LF48212QC20
LM1881M .....	LM1881N
LM1881MX .....	LM1881N
LM317T .....	LM317T
LM35DM .....	LM35DM
LM3940IS-3.3 .....	LM3940IS-3.3
LTC1337CS .....	LTC1337CS
LTC1337CSW .....	LTC1337CS
LTC491CS-E2 .....	LTC491CS

## IC

## Page or ID No.

MACH111SP-15VC ..... MACH111SP-15VC  
 MAX202CSE-T ..... MAX202CSE  
 MAX660CSA-TG068 ..... MAX660CSA  
 MB40C568HPF-ER ..... MB40C568HPF-ER  
 MB81164842A-100FN ..... MB81164842A-100FN  
 MB90091A-120 ..... MB90091  
 MBM29F040C-90PD-SFK ..... AM29F040C-90JC  
 MBM29F400BC-70PFTN ..... MBM29F400BA-12PF  
 MBM29F400BC-70PFTN-AIT ..... MBM29F400BA-12PF  
 MBM29F800BA-90PFTN ..... MBM29F800BA-90PFTN  
 MBM29LV400BC-90PFTN ..... MBM29F400TC-90PFTN  
 MC68340PV16E ..... MC68340FE16C  
 MC68340PV16VE ..... MC68340FE16C  
 MC68340PV25 ..... MC68340FE16C  
 MC74HC4051AFEL ..... MC74HC4051N  
 MC74HC4066F ..... CD4066AE  
 MC74HC4066FEL ..... CD4066AE  
 MN47V77ST1 ..... MN47V77ST1  
 MX7828LCWI ..... MX7828LCWI  
 MX7828LCWI-T2 ..... MX7828LCWI  
  
 NC7SZ126P5 ..... NC7SZ126P5  
 NJM082M ..... RC4558  
 NJM360M ..... LM360N  
 NJM360M-TE2 ..... LM360N  
 NJM4556AM-TE2 ..... RC4558  
  
 PC16552DV ..... PC16552DV  
 PI49FCT3806AQ ..... PI49FCT3806AQ  
  
 REF-03GSR ..... REF-03GS  
  
 S-80821ANUP-EDJ-T2 ..... S-8054HN-CB  
 S-81230SGUP-DQB-T1 ..... S-81225AG-RH  
 SHC615AU ..... SHC615AU  
 SN65LVDS31DR ..... DS26C31CM  
 SN65LVDS32DR ..... DS26C32ACN  
 SN74ABT540NS-E05 ..... MC74HC540N  
 SN74HC04ANS ..... TC74HC04P  
 SN74HC04ANSR ..... TC74HC04P  
 SN74HC05ANS ..... SN74HC05N  
 SN74HC05ANSR ..... SN74HC05N  
 SN74HC05APW-E05 ..... SN74HC05N  
 SN74HC244ANS ..... TC74HC244P  
 SN74LVC138ANS-E05 ..... TC74HC138P  
 SN74LVTH162244DGGR ..... IDT74FCT16244ATPV  
 SN74LVTH162374DGGR ..... SN74ABT16374DL  
 SN74LVTH16244ADLR ..... IDT74FCT16244ATPV  
 SN74LVTH16245ADGGR ..... IDT74FCT16245ATPV-TR  
 SN74LVTH244ANSR ..... TC74HC244P  
 SN74LVTH245ANS ..... TC74HC245P  
 SN74LVTH245ANS-E05 ..... TC74HC245P  
 SN74S1053NS-E05 ..... SN74S1053NS  
 SN75207BNS ..... SN75207BN  
 SN75207BNS-E05 ..... SN75207BN  
  
 TC4W66F ..... TC4W66F  
 TC4W66F(TE12R) ..... TC4W66F  
 TC74ACT08F ..... TC74HC08P  
 TC74ACT08FT(EL) ..... TC74HC08P

TC74ACT299F ..... TC74HC299AF  
 TC74ACT541F ..... MC74HC541N  
 TC74HC05AF ..... SN74HC05N  
 TC74HC07AF ..... TC74HC07AF  
 TC74HC07AF(EL) ..... TC74HC07AF  
 TC74HC221AF ..... TC74HC221P  
 TC74HC221AF(EL) ..... TC74HC221P  
 TC74HC4053AFT(EL) ..... MC74HC4053F  
 TC74LCX04FT(EL) ..... TC74HC04P  
 TC74LCX244FT(EL) ..... TC74HC244P  
 TC74VHC02F ..... TC74HC02P  
 TC74VHC02F(EL) ..... TC74HC02P  
 TC74VHC04F ..... TC74HC04P  
 TC74VHC04F(EL) ..... TC74HC04P  
 TC74VHC04FT(EL) ..... TC74HC04P  
 TC74VHC08F(EL) ..... TC74HC08P  
 TC74VHC08FT(EL) ..... TC74HC08P  
 TC74VHC123AF(EL) ..... TC74HC123P  
 TC74VHC125F ..... MC74HC125N  
 TC74VHC125F(EL) ..... MC74HC125N  
 TC74VHC138F(EL) ..... TC74HC138P  
 TC74VHC139FT(EL) ..... TC74HC139P  
 TC74VHC14F ..... TC74HC14P  
 TC74VHC14F(EL) ..... TC74HC14P  
 TC74VHC14FT(EL) ..... TC74HC14P  
 TC74VHC157FT(EL) ..... TC74HC157P  
 TC74VHC163FT(EL) ..... TC74HC163P  
 TC74VHC175FT(EL) ..... TC74HC175P  
 TC74VHC221AFT(EL) ..... TC74HC221P  
 TC74VHC244F ..... TC74HC244P  
 TC74VHC244F(EL) ..... TC74HC244P  
 TC74VHC244FT(EL) ..... TC74HC244P  
 TC74VHC245F(EL) ..... TC74HC245P  
 TC74VHC245FT(EL) ..... TC74HC245P  
 TC74VHC299FT(EL) ..... TC74HC299AF  
 TC74VHC32F ..... TC74HC32P  
 TC74VHC32F(EL) ..... TC74HC32P  
 TC74VHC393F(EL) ..... TC74HC393P  
 TC74VHC541F ..... MC74HC541N  
 TC74VHC541F(EL) ..... MC74HC541N  
 TC74VHC541FT(EL) ..... MC74HC541N  
 TC74VHC574F ..... TC74HC574P  
 TC74VHC574FT(EL) ..... TC74HC574P  
 TC74VHC74F ..... TC74HC74P  
 TC74VHC74F(EL) ..... TC74HC74P  
 TC74VHC74FT(EL) ..... TC74HC74P  
 TC74VHC86FT(EL) ..... TC74HC86P  
 TC74VHCT00AF(EL) ..... TC74HC00P  
 TC74VHCT04AFT(EL) ..... TC74HC04P  
 TC74VHCT08AFT(EL) ..... TC74HC08P  
 TC74VHCT240AF(EL) ..... TC74HC240P  
 TC74VHCT244AF(EL) ..... TC74HC244P  
 TC74VHCT244AFT(EL) ..... TC74HC244P  
 TC74VHCT245AFT(EL) ..... TC74HC245P  
 TC74VHCT541AF(EL) ..... MC74HC541N  
 TC74VHCT541AFT(EL) ..... MC74HC541N  
 TC7S32FU(TE85R) ..... TC7S32F  
 TC7SH00FU-TE85R ..... TC7S00F  
 TC7SH02FU ..... TC4S01F  
 TC7SH02FU-TE85R ..... TC4S01F

IC	Page or ID No.
TC7SH04FU .....	TC7S04F
TC7SH04FU-TE85R .....	TC7S04F
TC7SH08FU-TE85R .....	TC7S08F
TC7SH32FU-TE85R .....	TC7S32F
TC7SH86FU-TE85R .....	TC7S86FU
TE7751 .....	TE7751
TL082CPS-E20 .....	RC4558
TL16C552AFN .....	TL16C552AFN
TL7705ACPS .....	TL7705CP
TLC272CPWR .....	RC4558
TLC2932IPWR .....	TLC2932IPW
TMS320C31PQL60 .....	TMS320C31PQL
TMS4C2973-26DTR .....	TMS4C2970-28DT
UPC358G2-E2 .....	RC4558
UPD485505G-25 .....	UPD485505G-25
UPD485506G5-25-7JF-E2 .....	UPD485506G5-25-7JF
XPC860ZP50C1 .....	XPC860ENZP50C1
XR-T3590ID-TR .....	XR-T3590ID-TR



## Section 6

### Spare Parts

#### 6-1. Notes on Repair Parts

##### 1. Safety Related Components Warning

###### **WARNING**

Components marked △ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

##### 2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement. Parts list has the present standardized repair parts.

##### 3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

##### 4. Harness

Harnesses with no part number are not registered as spare parts. In need of repair, get components shown in the list and repair using them.

##### 5. Replacement of Optional Boards

If it is necessary to replace the following optional boards, please an order the PCS-I××× through the sales route.

- IF-823 board : PCS-I160
- IF-824 board : PCS-I161

#### 6-1. 補修部品注意事項

##### 1. 安全重要部品

###### **△警告**

△印のついた部品は安全性を維持するために重要な部品です。したがって、交換する時は必ず指定の部品を使ってください。

##### 2. 部品の共通化

ソニーから供給する補修用部品は、セットに使われているものと異なることがあります。これは部品の共通化、改良等によるものです。部品表には現時点での共通化された補修用部品が記載されています。

##### 3. 部品の在庫

部品表のSP (Supply code) 欄に “o” で示される部品は在庫していないことがあり、納期が長くなることがあります。

##### 4. ハーネス

部品番号が記載されていないハーネスは、サービス部品として登録されていません。これらは、リストに展開されているコンポーネント部品で補修してください。

##### 5. オプション基板の交換

下記のオプション基板の交換が必要な場合は、PCS-I×××を製品購入してください。

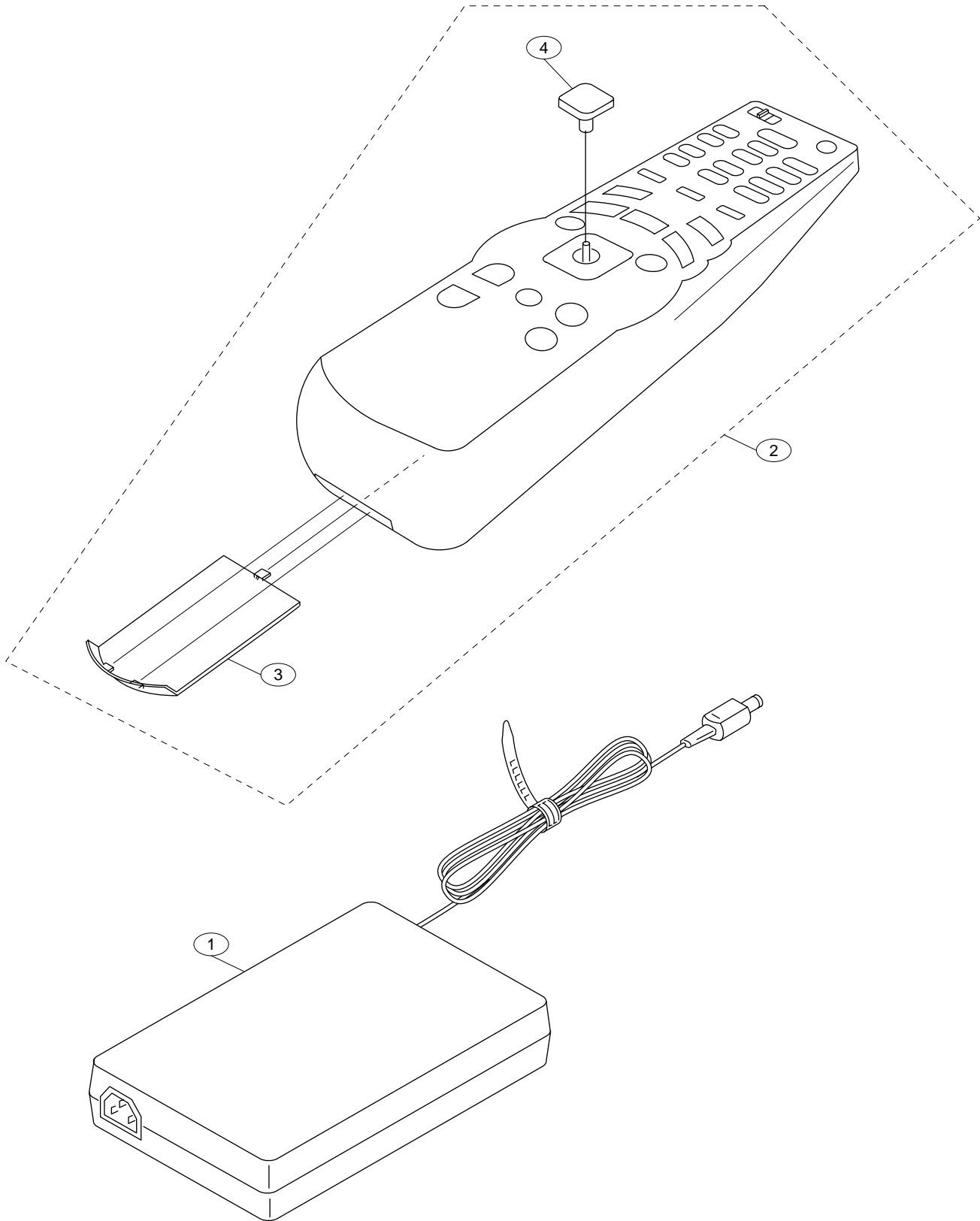
- IF-823基板 : PCS-I160
- IF-824基板 : PCS-I161

## 6-2. Exploded Views



No	Part No.	SP Description
101	A-8327-091-A	o MOUNTED CIRCUIT BOARD, MA-107(For J/UC)
	A-8327-092-A	o MOUNTED CIRCUIT BOARD, MA-107P(For CE)
102	A-8327-095-A	o MOUNTED CIRCUIT BOARD, DE-55
103	A-8327-096-A	o MOUNTED CIRCUIT BOARD, IPM-92A
104	A-8327-097-A	o MOUNTED CIRCUIT BOARD, IPM-93A
105	A-8327-098-A	o MOUNTED CIRCUIT BOARD, RX-47A
106	X-3605-557-1	o RETAINER ASSY, MIC BOX
107	X-3608-147-1	o ASSY, LOWER CABINET
108	1-505-156-11	s SPEAKER (2.0CM)
109	1-542-401-12	s MICROPHONE
110	1-791-486-11	s CABLE, FLAT (WITH SHIELD)
111	1-791-487-11	s CABLE, FLAT (WITH SHIELD)
112	1-791-488-11	s CABLE, FLAT (WITH SHIELD)
113	1-959-950-11	s HARNESS, SUB (CAM)
114	3-615-361-01	s FOOT, RUBBER(EU)
115	3-622-586-01	o RETAINER,MIC
116	3-622-588-02	s RETAINER SCREW,CAMERA
117	3-622-594-01	o LOWER,MIC BOX
118	3-622-595-01	o CUSHION,MIC BOX
119	3-622-596-01	o CUSHION
120	3-622-599-01	o WINDOW A,RAY
121	3-622-602-01	o RETAINER,SPEAKER
122	3-622-603-01	o GUIDE,LIGHT
123	3-622-609-01	o SHIELD S
124	3-622-619-01	o SHEET,RUBBER
125	3-622-855-01	o GASKET
126	3-623-273-01	o GASKET U
127	3-628-107-01	o SPRING P,EARTH
128	3-631-383-01	o PANEL,CONNECTOR
129	3-631-384-01	o PANEL,CONNECTOR,SIDE
130	3-631-387-01	o COVER
131	3-631-393-01	o PLATE,ORNAMENTAL,MS
132	3-631-395-01	o UPPER,CABINET
133	3-631-399-01	o SCREW,ORNAMENTAL
134	3-631-489-01	o HANDLE
135	3-669-596-01	s WASHER (2.3), STOPPER

Exploded View of Remote Commander and AC Adaptor



No	Part No.	SP Description
1	△ 1-418-560-11	s ADAPTOR, AC
2	1-476-461-12	s REMOTE COMMANDER (For CE/UC)
	1-476-461-22	s REMOTE COMMANDER (For J)
3	3-709-603-01	s COVER, BATTERY
4	3-709-604-01	s KNOB, CURSOR

## 6-3. Electrical Parts List

### ----- CN-2143 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-679-860-11	o PRINTED WIRING BOARD, CN-2143
CN501	1-774-998-21	o CONNECTOR, BOARD TO BOARD 20P
CN502	1-793-111-21	s CONNECTOR, MEMORY STICK

### ----- DE-55 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8327-095-A	o MOUNTED CIRCUIT BOARD, DE-55
C101	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C102	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C103	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C104	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C109	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C110	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C121	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C122	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C123	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C124	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C141	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C142	1-162-918-11	s CAPACITOR,CERAMIC 18PF/50V CH
C143	1-162-910-11	s CAPACITOR,CERAMIC 5PF/50V 1608
C144	1-162-924-11	s CAPACITOR,CERAMIC 56PF/50V CH
C145	1-162-918-11	s CAPACITOR,CERAMIC 18PF/50V CH
C146	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C147	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C148	1-164-155-11	s CAPACITOR,CERAMIC 75PF/50V CH
C149	1-162-908-11	s CAPACITOR,CERAMIC 3PF/50V 1608
C150	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C152	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C153	1-162-908-11	s CAPACITOR,CERAMIC 3PF/50V 1608
C154	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C155	1-128-391-11	s CAPACITOR,ELECT 330MF/6.3V
C156	1-128-391-11	s CAPACITOR,ELECT 330MF/6.3V
C157	1-128-391-11	s CAPACITOR,ELECT 330MF/6.3V
C161	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C162	1-162-995-11	s CAPACITOR,CERAMIC 0.022MF/50V
C163	1-162-968-11	s CAPACITOR,CERAMIC 4700PF/50V B
C164	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C165	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C166	1-126-404-11	s CAPACITOR,ELECT4.7MF/50V(CHIP)
C181	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C190	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C191	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C192	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C193	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C194	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C195	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C196	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C197	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C199	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C301	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C302	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C303	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C304	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C305	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-128-403-11	s CAPACITOR,ELECT 47MF/35V(CHIP)
C401	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C402	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C403	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C404	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C405	1-164-739-11	s CAPACITOR CERAMIC 560PF (1608)

## (DE-55 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C406	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C407	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C408	1-162-920-11	s CAPACITOR,CERAMIC 27PF/50V CH
C409	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C421	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C422	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C423	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C424	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C425	1-164-739-11	s CAPACITOR,CERAMIC 560PF (1608)
C426	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C427	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C428	1-162-920-11	s CAPACITOR,CERAMIC 27PF/50V CH
C429	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C490	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C491	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C492	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C493	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C494	1-128-989-11	s CAPACITOR,POLYPYRROLE 220MF
C495	1-128-989-11	s CAPACITOR,POLYPYRROLE 220MF
C501	1-128-405-11	s CAPACITOR,ELECT 22MF/50V(CHIP)
C996	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C997	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
CN101	1-750-965-11	o CONNECTOR, FPC (8P)
CN402	1-764-436-21	s CONNECTOR, FPC (6P)
CN403	1-764-436-21	s CONNECTOR, FPC (6P)
D161	8-719-801-78	s DIODE 1SS184
D301	8-719-800-76	s DIODE 1SS226
D302	8-719-800-76	s DIODE 1SS226
D901	8-719-158-19	s DIODE RD6.2SB
IC101	8-759-011-99	s IC MC10H115M
IC121	8-759-422-56	s IC MC10H107MEL
IC141	8-759-598-52	s IC TK15403MTL
IC142	8-759-598-52	s IC TK15403MTL
IC301	8-759-008-79	s IC MC14011BF
L141	1-410-387-11	s INDUCTOR,CHIP 33UH (3225)
L142	1-410-387-11	s INDUCTOR,CHIP 33UH (3225)
L192	1-408-785-21	s CHIP INDUCTOR 47UH (4532)
L193	1-408-785-21	s CHIP INDUCTOR 47UH (4532)
L194	1-408-785-21	s CHIP INDUCTOR 47UH (4532)
L301	1-408-785-21	s CHIP INDUCTOR 47UH (4532)
L302	1-408-785-21	s CHIP INDUCTOR 47UH (4532)
L401	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L402	1-410-374-11	s INDUCTOR,CHIP 2.7UH (3225)
L403	1-410-374-11	s INDUCTOR,CHIP 2.7UH (3225)
L404	1-410-384-31	s INDUCTOR,CHIP 18UH (3225)
L421	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L422	1-410-374-11	s INDUCTOR,CHIP 2.7UH (3225)
L423	1-410-374-11	s INDUCTOR,CHIP 2.7UH (3225)
L424	1-410-384-31	s INDUCTOR,CHIP 18UH (3225)
L491	1-410-383-31	s INDUCTOR,CHIP 15UH (3225)
L492	1-410-383-31	s INDUCTOR,CHIP 15UH (3225)
Q110	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q140	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q161	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q162	8-729-216-22	s TRANSISTOR 2SA1162-G
Q163	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q164	8-729-120-28	s TRANSISTOR 2SC1623-L5L6

## (DE-55 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q181	8-729-106-60	s TRANSISTOR 2SB1115A
Q401	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q402	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q403	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q404	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q405	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q421	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q422	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q423	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q424	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q425	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q901	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q902	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R101	1-216-808-11	s RESISTOR,CHIP 82 1/16W 1608
R102	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R103	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R104	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R105	1-216-804-11	s RESISTOR,CHIP 39 1/16W 1608
R106	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R107	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R108	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R109	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R110	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R111	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R112	1-216-818-11	s RESISTOR,CHIP 560 1/16W 1608
R121	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R122	1-216-806-11	s RESISTOR,CHIP 56 1/16W 1608
R123	1-216-804-11	s RESISTOR,CHIP 39 1/16W 1608
R124	1-216-811-11	s RESISTOR,CHIP 150 1/16W(1608)
R125	1-216-812-11	s RESISTOR,CHIP 180 1/16W 1608
R141	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R142	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R143	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R144	1-216-812-11	s RESISTOR,CHIP 180 1/16W 1608
R145	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R148	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R149	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R150	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R151	1-216-827-11	s RESISTOR,CHIP 3.3K 1/16W 1608
R152	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R153	1-218-859-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R154	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R155	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R156	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R157	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R161	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R162	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R163	1-216-813-11	s RESISTOR,CHIP 220 1/16W 1608
R164	1-216-823-11	s RESISTOR,CHIP 1.5K 1/16W
R165	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R166	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R167	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R168	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R169	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R170	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R171	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R172	1-216-827-11	s RESISTOR,CHIP 3.3K 1/16W 1608
R173	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)

## (DE-55 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R174	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R176	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R181	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R182	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R301	1-216-838-11	s RESISTOR CHIP 27K 1/16W(1608)
R302	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R303	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R304	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R401	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R402	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R403	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R404	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R405	1-216-816-11	s RESISTOR, CHIP 390 1/16W 1608
R406	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R407	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R408	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R409	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R410	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R411	1-216-820-11	s RESISTOR, CHIP 820 1/16W 1608
R412	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R413	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R414	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R415	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R416	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R421	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R422	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R423	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R424	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R425	1-216-816-11	s RESISTOR, CHIP 390 1/16W 1608
R426	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R427	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R428	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R429	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R430	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R431	1-216-820-11	s RESISTOR, CHIP 820 1/16W 1608
R432	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R433	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R434	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R435	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R436	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R453	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R501	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R502	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R503	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R901	1-218-835-11	s RESISTOR,CHIP 330 1/16W (1608)
R902	1-211-977-11	s RESISTOR,CHIP 22 1/16W (1608)
R903	1-218-851-11	s RESISTOR,CHIP 1.5K 1/16W(1608)
R905	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R906	1-218-831-11	s RESISTOR, CHIP 220 1/16W(1608)

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EX-816 BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-679-859-11	o PRINTED WIRING BOARD, EX-816
CN601	1-573-783-21	o CONNECTOR, PC BOARD 60P
CN602	1-750-874-21	s CONNECTOR, PC BOARD (PLUG) 60P

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IF-823 BOARD (PCS-I160)  
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Ref. No. or Q'ty	Part No.	SP	Description
C100	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C114	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C115	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C120	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C121	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C122	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C200	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C203	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C204	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C206	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C220	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C221	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C222	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C300	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C301	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C304	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C313	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN100	1-793-458-11	s	JACK, MODULAR (8 CORE)
CN200	1-793-458-11	s	JACK, MODULAR (8 CORE)
CN300	1-573-783-21	o	CONNECTOR, PC BOARD 60P
COR100	1-564-952-21	s	PIN,CONNECTOR
COR200	1-564-952-21	s	PIN,CONNECTOR
D100	8-719-800-76	s	DIODE 1SS226
D101	8-719-800-76	s	DIODE 1SS226
D102	8-719-800-76	s	DIODE 1SS226
D103	8-719-800-76	s	DIODE 1SS226
D104	8-719-800-76	s	DIODE 1SS226
D105	8-719-800-76	s	DIODE 1SS226
D106	8-719-800-76	s	DIODE 1SS226
D107	8-719-800-76	s	DIODE 1SS226
D108	8-719-800-76	s	DIODE 1SS226
D109	8-719-800-76	s	DIODE 1SS226
D110	8-719-800-76	s	DIODE 1SS226
D111	8-719-800-76	s	DIODE 1SS226
D200	8-719-800-76	s	DIODE 1SS226
D201	8-719-800-76	s	DIODE 1SS226

(IF-823 BOARD (PCS-I160))

Ref. No. or Q'ty	Part No.	SP	Description
D202	8-719-800-76	s	DIODE 1SS226
D203	8-719-800-76	s	DIODE 1SS226
D204	8-719-800-76	s	DIODE 1SS226
D205	8-719-800-76	s	DIODE 1SS226
D206	8-719-800-76	s	DIODE 1SS226
D207	8-719-800-76	s	DIODE 1SS226
D208	8-719-800-76	s	DIODE 1SS226
D209	8-719-800-76	s	DIODE 1SS226
D210	8-719-800-76	s	DIODE 1SS226
D211	8-719-800-76	s	DIODE 1SS226
E100	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
E200	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
FL100	△ 1-239-773-11	s	FILTER, EMI CHOKE
FL200	△ 1-239-773-11	s	FILTER, EMI CHOKE
IC100	8-759-396-70	s	IC HD81504RFE
IC101	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC102	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC103	8-759-491-47	s	IC TC74VHCT08FT (EL)
IC104	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC105	8-759-491-55	s	IC TC74VHCT74AFT(EL)
IC106	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC107	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC109	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC200	8-759-396-70	s	IC HD81504RFE
IC201	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC202	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC203	8-759-491-47	s	IC TC74VHCT08FT (EL)
IC204	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC205	8-759-491-55	s	IC TC74VHCT74AFT(EL)
IC206	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC207	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC209	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC300	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC301	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC304	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC306	8-759-196-96	s	IC TC7SH08FU (TE85R)
IC311	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC312	8-759-598-30	o	IC MACH111SP-15VC-RAP00V1
L100	1-412-951-11	s	INDUCTOR 10UH (2520)
L200	1-412-951-11	s	INDUCTOR 10UH (2520)
R100	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R101	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R102	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R103	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R104	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R105	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R106	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R108	1-211-969-11	s	RESISTOR,CHIP 10 1/16W (1608)
R109	1-211-978-11	s	RESISTOR,CHIP 24 1/16W (1608)
R110	1-211-969-11	s	RESISTOR,CHIP 10 1/16W (1608)
R111	1-211-978-11	s	RESISTOR,CHIP 24 1/16W (1608)
R112	1-218-854-11	s	RESISTOR,CHIP 2K 1/16W (1608)
R113	1-218-854-11	s	RESISTOR,CHIP 2K 1/16W (1608)
R115	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R116	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R117	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R118	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)



## (IF-823 BOARD (PCS-I160))

Ref. No. or Q'ty	Part No.	SP Description
R119	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R121	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R122	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R200	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R201	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R202	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R203	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R204	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R205	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R206	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R208	1-211-969-11	s RESISTOR,CHIP 10 1/16W (1608)
R209	1-211-978-11	s RESISTOR,CHIP 24 1/16W (1608)
R210	1-211-969-11	s RESISTOR,CHIP 10 1/16W (1608)
R211	1-211-978-11	s RESISTOR,CHIP 24 1/16W (1608)
R212	1-218-854-11	s RESISTOR,CHIP 2K 1/16W (1608)
R213	1-218-854-11	s RESISTOR,CHIP 2K 1/16W (1608)
R215	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R216	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R217	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R218	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R219	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R221	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R222	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R300	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R301	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R302	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
RB100	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB101	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB102	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB103	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB104	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB105	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB106	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB107	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB108	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB109	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB110	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB200	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB201	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB202	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB203	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB204	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB205	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB206	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB207	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB208	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB209	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB210	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB300	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB301	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
T100	△ 1-435-820-11	s TRANSFORMER, INPUT/OUTPUT
T200	△ 1-435-820-11	s TRANSFORMER, INPUT/OUTPUT

## IF-824 BOARD (PCS-I161)

Ref. No. or Q'ty	Part No.	SP Description
C100	1-135-347-11	s CAP, SOLID ELECT 82MF
C101	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C102	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C105	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C110	1-135-347-11	s CAP, SOLID ELECT 82MF
C111	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C115	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C200	1-109-982-11	s CAPACITOR,CHIP CERAMIC 1MF/10V
C204	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C206	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C210	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C211	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C212	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C213	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C214	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C215	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C216	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C217	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C218	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C219	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C220	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C221	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C222	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C223	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C224	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C225	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C226	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C227	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C228	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C229	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
CN100	1-573-783-21	o CONNECTOR, PC BOARD 60P
CN200	1-774-138-11	s SOCKET, CONNECTOR 36P
FL200	1-239-825-11	s FILTER, CHIP EMI
FL201	1-239-825-11	s FILTER, CHIP EMI
FL202	1-239-825-11	s FILTER, CHIP EMI
FL203	1-239-825-11	s FILTER, CHIP EMI
FL204	1-239-825-11	s FILTER, CHIP EMI
FL205	1-239-825-11	s FILTER, CHIP EMI
FL206	1-239-825-11	s FILTER, CHIP EMI
FL207	1-239-825-11	s FILTER, CHIP EMI
FL208	1-239-825-11	s FILTER, CHIP EMI
FL209	1-239-825-11	s FILTER, CHIP EMI
FL210	1-239-825-11	s FILTER, CHIP EMI
FL211	1-239-825-11	s FILTER, CHIP EMI
FL212	1-239-825-11	s FILTER, CHIP EMI
FL213	1-239-825-11	s FILTER, CHIP EMI
FL214	1-239-825-11	s FILTER, CHIP EMI
FL215	1-239-825-11	s FILTER, CHIP EMI
FL216	1-239-825-11	s FILTER, CHIP EMI
FL217	1-239-825-11	s FILTER, CHIP EMI
FL218	1-239-825-11	s FILTER, CHIP EMI
FL219	1-239-825-11	s FILTER, CHIP EMI
FL220	1-239-825-11	s FILTER, CHIP EMI
FL221	1-239-825-11	s FILTER, CHIP EMI

(IF-824 BOARD (PCS-I161))

Ref. No. or Q'ty	Part No.	SP Description
FL222	1-239-825-11	s FILTER, CHIP EMI
FL223	1-239-825-11	s FILTER, CHIP EMI
IC100	8-759-637-71	s IC MAX660CSA-TG068
IC101	8-759-483-63	s IC XR-T3590ID
IC102	8-759-491-50	s IC TC74VHCT244AFT(EL)
IC103	8-759-491-50	s IC TC74VHCT244AFT(EL)
IC104	8-759-491-51	s IC TC74VHCT245AFT(EL)
IC105	8-759-598-31	o IC MACH111SP-15VC-RAP01V1
IC200	8-759-252-59	s IC MAX202CSE
IC201	8-759-252-59	s IC MAX202CSE
IC202	8-759-252-59	s IC MAX202CSE
IC203	8-759-252-59	s IC MAX202CSE
IC204	8-759-523-84	s IC TC74VHC14FT (EL)
IC205	8-759-058-64	s IC TC7S32FU-TE85R
IC206	8-759-491-55	s IC TC74VHCT74AFT(EL)
R100	1-218-825-11	s RESISTOR,CHIP 120 1/16W (1608)
R101	1-218-825-11	s RESISTOR,CHIP 120 1/16W (1608)
R102	1-218-825-11	s RESISTOR,CHIP 120 1/16W (1608)
R103	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R104	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R105	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R106	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R107	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R108	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R109	1-218-825-11	s RESISTOR,CHIP 120 1/16W (1608)
R110	1-218-825-11	s RESISTOR,CHIP 120 1/16W (1608)
R111	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R112	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R113	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R114	1-211-986-11	s RESISTOR,CHIP 51 1/16W (1608)
R115	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R200	1-216-847-11	s RESISTOR, CHIP 150K 1/16W 1608
R201	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
RB100	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB101	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB102	1-236-908-11	s RESISTOR,NETWORK 10K (3216)

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IPM-92A BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
lpc	A-8327-096-A	o MOUNTED CIRCUIT BOARD, IPM-92A
C701	1-126-400-11	s CAPACITOR ELECT 22MF/35V(CHIP)
C702	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C703	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C704	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C705	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C706	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C707	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
CN701	1-764-436-21	s CONNECTOR, FPC (6P)
D701	8-719-057-63	s DIODE PP701
L701	1-410-383-31	s INDUCTOR,CHIP 15UH (3225)
Q701	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q702	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q703	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q704	8-729-102-07	s TRANSISTOR 2SC2223-F13
R701	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R702	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R703	1-216-808-11	s RESISTOR,CHIP 82 1/16W 1608
R704	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R705	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R706	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R707	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R708	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R709	1-216-818-11	s RESISTOR, CHIP 560 1/16W 1608
R710	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R711	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)

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IPM-93A BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8327-097-A	o MOUNTED CIRCUIT BOARD, IPM-93A
C801	1-126-400-11	s CAPACITOR ELECT 22MF/35V(CHIP)
C802	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C803	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C804	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C805	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C806	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C807	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
CN801	1-764-436-21	s CONNECTOR, FPC (6P)
D801	8-719-057-63	s DIODE PP701
L801	1-410-383-31	s INDUCTOR,CHIP 15UH (3225)
Q801	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q802	8-729-122-63	s TRANSISTOR 2SA1226-E4
Q803	8-729-102-07	s TRANSISTOR 2SC2223-F13
Q804	8-729-102-07	s TRANSISTOR 2SC2223-F13
R801	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R802	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R803	1-216-808-11	s RESISTOR,CHIP 82 1/16W 1608
R804	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R805	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R806	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R807	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R808	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R809	1-216-818-11	s RESISTOR, CHIP 560 1/16W 1608
R810	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R811	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)

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MA-107/107P BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8327-091-A	o MOUNTED CIRCUIT BOARD, MA-107 [for J, UC]
1pc	A-8327-092-A	o MOUNTED CIRCUIT BOARD, MA-107P [for CE]
C001	1-104-852-11	s CAPACITOR,TANTALUM 22MF/10V
C004	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C005	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C006	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C007	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C008	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C009	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C010	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C011	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C012	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C013	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C014	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C015	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C016	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C025	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C026	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C027	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C028	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C029	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C030	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C031	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C032	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C033	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C034	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C035	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C036	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C037	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C038	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C039	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C040	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C041	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C042	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C043	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C044	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C045	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C046	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C047	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C048	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C049	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C050	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C051	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C052	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C053	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C054	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C055	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C056	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C057	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C060	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C061	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C062	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C063	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C064	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C065	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C066	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C067	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B





## (MA-107/107P BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C412	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C413	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C414	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C415	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C416	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C421	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C422	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C423	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C424	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C425	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C426	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C427	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C428	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C429	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C430	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C431	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C432	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C433	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C434	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C435	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C436	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C437	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C438	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C440	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C441	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C442	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C443	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C444	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C445	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C448	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C449	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C450	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C451	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C452	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C454	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C455	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C456	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C457	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C458	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C459	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C460	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C461	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C462	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C464	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C465	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C466	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C467	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C468	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C469	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C470	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C471	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C472	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C473	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C474	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C475	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C476	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C477	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V

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Ref. No. or Q'ty	Part No.	SP	Description
C478	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C479	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C480	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C481	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C483	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C484	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C485	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C486	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C487	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C488	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C489	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C490	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C491	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C492	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C493	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C494	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C495	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C496	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C497	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C498	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C499	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C500	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C501	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C505	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C506	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C507	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C508	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C509	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C510	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C511	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C512	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C513	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C514	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C515	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C516	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C517	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C518	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C519	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C520	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C521	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C524	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C525	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C526	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C527	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C528	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C529	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C530	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C531	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C534	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C535	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C536	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C537	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C538	1-162-965-11	s	CAPACITOR,CERAMIC 1500PF/50V B
C539	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C540	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C541	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C542	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C543	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C550	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B

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Ref. No. or Q'ty	Part No.	SP Description
C551	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C552	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C553	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C554	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C555	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C556	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C557	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C558	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C559	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C560	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C561	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C562	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C563	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C564	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C565	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C566	1-162-965-11	s CAPACITOR,CERAMIC 1500PF/50V B
C567	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C568	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C569	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C570	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C571	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C572	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C573	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C580	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C581	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C582	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C583	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C584	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C585	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C586	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C587	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C588	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C589	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C590	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C591	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C592	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C593	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C600	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C602	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C604	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C605	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C610	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C611	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C612	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C613	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C614	1-162-925-11	s CAPACITOR,CERAMIC 68PF/50V CH
C615	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C616	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C617	1-162-925-11	s CAPACITOR,CERAMIC 68PF/50V CH
C618	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C619	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C621	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C622	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C623	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C624	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C625	1-162-925-11	s CAPACITOR,CERAMIC 68PF/50V CH
C626	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C627	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)

## (MA-107/107P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C628	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C629	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C630	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C631	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C632	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C633	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C634	1-117-681-11	s CAPACITOR, ELECT 100MF/16V
C635	1-165-128-11	s CAPACITOR CERAMIC 0.22MF/16V F
C636	1-115-153-11	s CAPACITOR,ELECT 4.7MF/16V(BP)
C637	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C638	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C639	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C640	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C641	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C646	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C647	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C650	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C651	1-107-686-11	s CAPACITOR,TANTALUM 4.7MF/16V
C652	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C653	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C654	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C655	1-107-686-11	s CAPACITOR,TANTALUM 4.7MF/16V
C657	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C659	1-107-686-11	s CAPACITOR,TANTALUM 4.7MF/16V
C660	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C661	1-115-170-11	s CAPACITOR,TANTAL(SMD)4.7MF/10V
C662	1-162-965-11	s CAPACITOR,CERAMIC 1500PF/50V B
C663	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C664	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C665	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C666	1-107-686-11	s CAPACITOR,TANTALUM 4.7MF/16V
C667	1-162-965-11	s CAPACITOR,CERAMIC 1500PF/50V B
C668	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C669	1-115-170-11	s CAPACITOR,TANTAL(SMD)4.7MF/10V
C670	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C671	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C672	1-164-506-11	s CAPACITOR,CERAMIC 4.7MF/16V
C673	1-109-982-11	s CAPACITOR,CHIP CERAMIC 1MF/10V
C703	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C704	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C747	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C748	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C749	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C750	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C751	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C752	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C753	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C754	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C755	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C756	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C757	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C758	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C759	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C760	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C761	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C763	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C764	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C765	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C766	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C767	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C768	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C769	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C770	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C771	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C780	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C781	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C782	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C785	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C786	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C800	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C801	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C802	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C803	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C804	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C805	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C806	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C807	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C808	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C809	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C810	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C811	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C812	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C815	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C820	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C821	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C822	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C823	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C824	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V
C825	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C900	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C901	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C902	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C903	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C904	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C906	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C910	1-125-990-11	s	CAPACITOR,TANTALUM 47MF/20V
C911	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C915	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C917	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C918	1-135-347-11	s	CAP, SOLID ELECT 82MF
C920	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C921	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C922	1-135-347-11	s	CAP, SOLID ELECT 82MF
C924	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C925	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C926	1-135-347-11	s	CAP, SOLID ELECT 82MF
C927	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C928	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C929	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C930	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C931	1-107-686-11	s	CAPACITOR,TANTALUM 4.7MF/16V
C932	1-135-347-11	s	CAP, SOLID ELECT 82MF
C933	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C934	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C935	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C936	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C937	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C938	1-115-170-11	s	CAPACITOR,TANTAL(SMD)4.7MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C940	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C941	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C942	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
CN100	1-691-591-11	o	PIN,CONNECTOR (8P)(SMD)(1.5MM)
CN101	1-691-523-21	o	CONNECTOR, BOARD TO BOARD 12PE
CN200	1-766-194-11	o	CONNECTOR, D-SUB 9P
CN230	1-778-006-21	o	CONNECTOR, BOARD TO BOARD 20P
CN251	1-815-187-11	s	JACK, MODULAR
CN400	1-793-457-11	s	JACK, S TERMINAL
CN401	1-793-455-11	s	JACK, PIN (4P)
CN402	1-566-847-41	s	CONNECTOR 4P
CN600	1-565-790-21	s	JACK,SMALL 2P
CN601	1-691-550-11	s	PIN,CONNECTOR (3P)(SMD)(1.5MM)
CN602	1-695-320-21	o	PIN, CONNECTOR(1.5MM)SMD 2P
CN603	1-562-941-11	s	JACK, PIN
CN750	1-750-874-21	s	CONNECTOR, PC BOARD (PLUG) 60P
CN780	1-565-276-21	s	JACK 1P (SMALL TYPE)
CN781	1-565-276-21	s	JACK 1P (SMALL TYPE)
CN790	1-691-523-21	o	CONNECTOR, BOARD TO BOARD 12P
CN800	1-793-458-11	s	JACK, MODULAR (8 CORE)
CN900	1-793-459-11	s	JACK,DC(POLARITY UNIFIED TYPE)
CN901	1-695-209-21	s	PIN, CONNECTOR (PC BOARD) 15P
CN902	1-774-765-11	s	CONNECTOR, FFC/FPC 8P
COR800	1-564-952-21	s	PIN,CONNECTOR
D140	8-719-820-05	s	DIODE 1SS181
D200	8-719-037-25	s	DIODE RD13SB-T1
D201	8-719-037-25	s	DIODE RD13SB-T1
D202	8-719-037-25	s	DIODE RD13SB-T1
D203	8-719-037-25	s	DIODE RD13SB-T1
D220	8-719-158-15	s	DIODE RD5.6SB
D221	8-719-158-15	s	DIODE RD5.6SB
D222	8-719-037-25	s	DIODE RD13SB-T1
D223	8-719-037-25	s	DIODE RD13SB-T1
D224	8-719-037-25	s	DIODE RD13SB-T1
D225	8-719-158-15	s	DIODE RD5.6SB
D226	8-719-158-15	s	DIODE RD5.6SB
D227	8-719-158-19	s	DIODE RD6.2SB
D228	8-719-037-25	s	DIODE RD13SB-T1
D229	8-719-037-25	s	DIODE RD13SB-T1
D230	8-719-037-25	s	DIODE RD13SB-T1
D231	8-719-158-19	s	DIODE RD6.2SB
D401	8-719-158-15	s	DIODE RD5.6SB
D402	8-719-158-15	s	DIODE RD5.6SB
D403	8-719-158-15	s	DIODE RD5.6SB
D404	8-719-158-15	s	DIODE RD5.6SB
D405	8-719-158-15	s	DIODE RD5.6SB
D406	8-719-158-15	s	DIODE RD5.6SB
D451	8-719-158-15	s	DIODE RD5.6SB
D452	8-719-158-15	s	DIODE RD5.6SB
D453	8-719-158-15	s	DIODE RD5.6SB
D454	8-719-158-15	s	DIODE RD5.6SB
D455	8-719-158-15	s	DIODE RD5.6SB
D456	8-719-158-15	s	DIODE RD5.6SB
D481	8-719-158-15	s	DIODE RD5.6SB
D482	8-719-158-15	s	DIODE RD5.6SB
D483	8-719-158-15	s	DIODE RD5.6SB
D484	8-719-158-15	s	DIODE RD5.6SB
D600	8-719-158-35	s	DIODE RD9.1SB(ZENER)



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Ref. No. or Q'ty	Part No.	SP Description
D601	8-719-158-35	s DIODE RD9.1SB(ZENER)
D602	8-719-800-76	s DIODE 1SS226
D603	8-719-037-25	s DIODE RD13SB-T1
D604	8-719-800-76	s DIODE 1SS226
D605	8-719-158-19	s DIODE RD6.2SB
D606	8-719-158-19	s DIODE RD6.2SB
D607	8-719-158-19	s DIODE RD6.2SB
D608	8-719-158-19	s DIODE RD6.2SB
D609	8-719-037-25	s DIODE RD13SB-T1
D610	8-719-158-19	s DIODE RD6.2SB
D611	8-719-158-19	s DIODE RD6.2SB
D780	8-719-820-05	s DIODE 1SS181
D781	8-719-158-19	s DIODE RD6.2SB
D782	8-719-158-19	s DIODE RD6.2SB
D791	8-719-158-19	s DIODE RD6.2SB
D800	8-719-800-76	s DIODE 1SS226
D801	8-719-800-76	s DIODE 1SS226
D802	8-719-800-76	s DIODE 1SS226
D803	8-719-800-76	s DIODE 1SS226
D804	8-719-800-76	s DIODE 1SS226
D805	8-719-800-76	s DIODE 1SS226
D806	8-719-800-76	s DIODE 1SS226
D807	8-719-800-76	s DIODE 1SS226
D808	8-719-800-76	s DIODE 1SS226
D809	8-719-800-76	s DIODE 1SS226
D810	8-719-800-76	s DIODE 1SS226
D811	8-719-800-76	s DIODE 1SS226
D900	8-719-056-00	s DIODE NSQ03A02L
D901	8-719-056-00	s DIODE NSQ03A02L
D902	8-719-820-05	s DIODE 1SS181
D903	8-719-056-00	s DIODE NSQ03A02L
D905	8-719-056-00	s DIODE NSQ03A02L
D907	8-719-061-59	s LED CL-200PG-C-TU
D908	8-719-049-22	s DIODE CL-200D-C-TS
E101	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E102	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E103	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E104	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E105	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E106	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E107	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E301	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E401	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E501	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E701	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
F900	△ 1-533-804-21	s FUSE CHIP 2.5A/125V (6125)
F901	△ 1-533-627-21	s FUSE CHIP 5A/125V (6125)
FB601	1-414-445-11	s FERRITE, EMI (SMD)
FB602	1-414-445-11	s FERRITE, EMI (SMD)
FL200	1-239-825-11	s FILTER, CHIP EMI
FL201	1-239-825-11	s FILTER, CHIP EMI
FL401	1-239-825-11	s FILTER, CHIP EMI
FL402	1-239-825-11	s FILTER, CHIP EMI
FL403	1-239-825-11	s FILTER, CHIP EMI
FL451	1-233-709-11	s FILTER, LOW PASS
FL452	1-233-709-11	s FILTER, LOW PASS
FL453	1-233-709-11	s FILTER, LOW PASS

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Ref. No. or Q'ty	Part No.	SP Description
FL461	1-239-825-11	s FILTER, CHIP EMI
FL462	1-239-825-11	s FILTER, CHIP EMI
FL463	1-239-825-11	s FILTER, CHIP EMI
FL481	1-233-709-11	s FILTER, LOW PASS
FL482	1-233-709-11	s FILTER, LOW PASS
FL491	1-239-825-11	s FILTER, CHIP EMI
FL492	1-239-825-11	s FILTER, CHIP EMI
FL600	1-239-825-11	s FILTER, CHIP EMI
FL601	1-239-825-11	s FILTER, CHIP EMI
FL602	1-239-825-11	s FILTER, CHIP EMI
FL603	1-239-825-11	s FILTER, CHIP EMI
FL604	1-239-825-11	s FILTER, CHIP EMI
FL605	1-239-825-11	s FILTER, CHIP EMI
FL606	1-239-825-11	s FILTER, CHIP EMI
FL780	1-239-825-11	s FILTER, CHIP EMI
FL781	1-239-825-11	s FILTER, CHIP EMI
FL782	1-239-825-11	s FILTER, CHIP EMI
FL783	1-239-825-11	s FILTER, CHIP EMI
FL800	△ 1-239-773-11	s FILTER, EMI CHOKE
FL900	1-239-825-11	s FILTER, CHIP EMI
FL901	1-239-825-11	s FILTER, CHIP EMI
FL902	1-239-825-11	s FILTER, CHIP EMI
FL903	1-239-825-11	s FILTER, CHIP EMI
FL904	1-239-825-11	s FILTER, CHIP EMI
FL905	1-239-825-11	s FILTER, CHIP EMI
FL906	1-239-825-11	s FILTER, CHIP EMI
IC101	8-759-713-79	s IC MB81F643242C-10FN
IC102	8-759-713-79	s IC MB81F643242C-10FN
IC103	8-759-824-93	o IC MBM29LV651UE90TN-RAP23V2
IC104	8-759-824-94	o IC MBM29LV651UE90TN-RAP24V2
IC105	8-759-475-58	s IC TC74LCX16245AFT(EL)
IC106	8-759-451-76	s IC SN74LVC244APW(-E05)
IC107	8-759-497-44	s IC TC7WH125FU(Te12R)
IC108	8-759-475-58	s IC TC74LCX16245AFT(EL)
IC109	8-759-451-76	s IC SN74LVC244APW(-E05)
IC110	8-759-833-08	o IC EPM7128AETC100-7-RAP02V2
IC111	8-759-651-59	s IC SN74CBTLV3245APWR
IC112	8-759-651-59	s IC SN74CBTLV3245APWR
IC114	8-759-475-37	s IC TC74LCX14FT(EL)
IC115	8-759-669-69	s IC TLC7733IPWR-12
IC116	8-759-651-59	s IC SN74CBTLV3245APWR
IC121	8-759-475-58	s IC TC74LCX16245AFT(EL)
IC122	8-759-475-58	s IC TC74LCX16245AFT(EL)
IC123	8-759-651-59	s IC SN74CBTLV3245APWR
IC124	8-759-651-59	s IC SN74CBTLV3245APWR
IC126	8-759-362-65	s IC MIC29152BU-T&R
IC200	8-759-484-69	s IC MAX3221CAE
IC204	8-759-442-26	s IC MAX3222CAP
IC205	8-759-271-86	s IC TC7SH04FU
IC230	8-759-584-32	s IC MB86189PFV-G-BND-ER
IC231	8-759-569-93	s IC TPS2211IDBR
IC250	8-759-699-02	s IC LAN91C100FDTQFP
IC251	8-759-699-01	s IC LAN83C183TQFP
IC252	8-759-570-08	s IC TC7SET32FU(Te85R)
IC254	8-759-271-86	s IC TC7SH04FU
IC300	8-759-654-17	s IC 8X83606AKCB
IC301	8-759-827-44	s IC GS74116TP-12TR
IC302	8-759-827-44	s IC GS74116TP-12TR

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Ref. No. or Q'ty	Part No.	SP	Description
IC303	8-759-543-83	s	IC KM416V1204CT-L6
IC304	8-759-543-83	s	IC KM416V1204CT-L6
IC305	8-759-543-83	s	IC KM416V1204CT-L6
IC306	8-759-543-83	s	IC KM416V1204CT-L6
IC351	8-759-713-79	s	IC MB81F643242C-10FN
IC371	8-759-713-79	s	IC MB81F643242C-10FN
IC390	8-759-590-57	o	IC IDT49FCT3805PY-TL
IC391	8-759-475-39	s	IC TC74LCX74FT(EL)
IC400	8-759-676-15	s	IC IC SAA7114H/V1-557
IC435	8-759-460-72	s	IC BA033FP
IC450	8-752-393-98	o	IC CXD1916R
IC451	8-759-429-17	s	IC NJM2268V
IC452	8-759-429-17	s	IC NJM2268V
IC475	8-759-460-72	s	IC BA033FP
IC480	8-752-393-98	o	IC CXD1916R
IC481	8-759-429-17	s	IC NJM2268V
IC500	8-759-669-75	s	IC TLC2932IPWR
IC501	8-759-598-29	o	IC M4LV-64/32-12VC-RAP00V1
IC520	8-759-698-03	s	IC UPD77110GC-9EU
IC521	8-759-573-65	s	IC IDT71V016S20PHAU-TL
IC530	8-759-698-03	s	IC UPD77110GC-9EU
IC531	8-759-573-65	s	IC IDT71V016S20PHAU-TL
IC535	8-749-017-21	s	IC SI-3025LS-TL
IC540	8-759-825-84	s	IC DSP56303PV100
IC541	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC542	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC543	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC570	8-759-825-84	s	IC DSP56303PV100
IC571	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC572	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC573	8-759-827-82	s	IC IS61LV256-15T(T&R)
IC600	8-759-647-71	s	IC AK4550VT-E2
IC601	8-759-553-67	s	IC UPC4574G2-E2
IC602	8-759-553-67	s	IC UPC4574G2-E2
IC604	8-759-526-64	s	IC NJM2521M(T&E)
IC605	8-759-702-02	s	IC NJM062M
IC703	8-759-451-76	s	IC SN74LVC244APW(-E05)
IC704	8-759-531-92	s	IC TC7WH04FU(T&E12R)
IC750	8-759-374-17	s	IC UPD65646GJ-171-3EB
IC751	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC752	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC753	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC754	8-759-451-76	s	IC SN74LVC244APW(-E05)
IC755	8-759-475-58	s	IC TC74LCX16245AFT(EL)
IC756	8-759-497-44	s	IC TC7WH125FU(T&E12R)
IC757	8-759-196-96	s	IC TC7SH08FU (TE85R)
IC758	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC759	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC760	8-759-196-97	s	IC TC7SH32FU (TE85R)
IC761	8-759-491-45	s	IC TC74VHCT00AFT(EL)
IC780	8-759-831-39	s	IC UPD17226GT-454-E2
IC781	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC782	8-759-491-45	s	IC TC74VHCT00AFT(EL)
IC800	8-759-396-70	s	IC HD81504RFE
IC801	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC802	8-759-532-02	s	IC CY62256LL-70ZC-T2
IC803	8-759-491-47	s	IC TC74VHCT08FT (EL)
IC804	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC805	8-759-491-55	s	IC TC74VHCT74AFT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC806	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC807	8-759-523-39	s	IC TC74ACT32FT(EL)
IC808	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC809	8-759-491-53	s	IC TC74VHCT374AFT (EL)
IC810	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC811	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC812	8-759-523-39	s	IC TC74ACT32FT(EL)
IC900	8-759-485-63	s	IC MAX1626ESA-TE2
IC901	8-759-485-63	s	IC MAX1626ESA-TE2
IC902	8-759-349-40	s	IC MAX786CAI-TE2
IC904	8-759-578-49	s	IC NJM2370U10-TE2
IC905	8-759-475-33	s	IC TC74LCX00FT(EL)
IC906	8-759-475-34	s	IC TC74LCX02FT(EL)
IC908	8-759-598-50	s	IC L88MS09T-FA-TL
L251	1-408-765-21	s	CHIP INDUCTOR 1UH (4532)
L435	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L436	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L440	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L490	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L491	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L492	1-408-777-00	s	CHIP INDUCTOR 10UH (4532)
L500	1-412-951-11	s	INDUCTOR 10UH (2520)
L601	1-412-951-11	s	INDUCTOR 10UH (2520)
L800	1-412-951-11	s	INDUCTOR 10UH (2520)
L900	1-469-530-11	s	INDUCTOR, (SMD) 47UH
L901	1-469-530-11	s	INDUCTOR, (SMD) 47UH
L902	1-469-529-11	s	INDUCTOR, (SMD) 10UH
L903	1-469-529-11	s	INDUCTOR, (SMD) 10UH
L904	1-408-769-41	s	CHIP INDUCTOR 2.2UH
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q402	8-729-117-32	s	TRANSISTOR 2SC4177
Q403	8-729-117-32	s	TRANSISTOR 2SC4177
Q404	8-729-117-32	s	TRANSISTOR 2SC4177
Q405	8-729-117-32	s	TRANSISTOR 2SC4177
Q406	8-729-117-32	s	TRANSISTOR 2SC4177
Q450	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q451	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q452	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q453	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q454	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q455	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q480	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q481	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q482	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q483	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q600	8-729-117-32	s	TRANSISTOR 2SC4177
Q601	8-729-117-32	s	TRANSISTOR 2SC4177
Q602	8-729-117-32	s	TRANSISTOR 2SC4177
Q603	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q604	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q605	8-729-117-32	s	TRANSISTOR 2SC4177
Q606	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q607	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q608	8-729-117-32	s	TRANSISTOR 2SC4177
Q609	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q610	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q900	8-729-043-75	s	TRANSISTOR MMSF3P02HDR2
Q901	8-729-043-75	s	TRANSISTOR MMSF3P02HDR2
Q902	8-729-025-01	s	TRANSISTOR SI9410DY

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Ref. No. or Q'ty	Part No.	SP Description
Q903	8-729-025-01	s TRANSISTOR SI9410DY
Q904	8-729-117-32	s TRANSISTOR 2SC4177
Q905	8-729-117-32	s TRANSISTOR 2SC4177
Q906	8-729-025-01	s TRANSISTOR SI9410DY
Q907	8-729-025-01	s TRANSISTOR SI9410DY
Q908	8-729-117-32	s TRANSISTOR 2SC4177
Q909	8-729-117-32	s TRANSISTOR 2SC4177
Q910	8-729-117-32	s TRANSISTOR 2SC4177
Q911	8-729-117-32	s TRANSISTOR 2SC4177
Q912	8-729-117-32	s TRANSISTOR 2SC4177
R47	1-216-295-00	s CONDUCTOR, CHIP (2012)
R100	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R101	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R102	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R103	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R104	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R105	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R106	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R107	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R108	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R109	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R111	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R112	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R113	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R114	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R119	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R120	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R121	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R124	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R125	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R126	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R127	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R128	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R129	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R131	1-218-889-11	s RESISTOR,CHIP 56K 1/16W(1608)
R132	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R133	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R134	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R136	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R138	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R139	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R140	1-216-793-11	s RESISTOR,CHIP 4.7 1/16W 1608
R141	1-216-793-11	s RESISTOR,CHIP 4.7 1/16W 1608
R142	1-216-793-11	s RESISTOR,CHIP 4.7 1/16W 1608
R143	1-216-793-11	s RESISTOR,CHIP 4.7 1/16W 1608
R147	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R152	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R160	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R162	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R191	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R193	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R200	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R201	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R202	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R203	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R204	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R205	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R206	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R207	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R208	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R216	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R217	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R218	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R219	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R220	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R221	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R222	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R223	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R224	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R225	1-211-985-11	s RESISTOR,CHIP 47 1/16W (1608)
R226	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R227	1-211-977-11	s RESISTOR,CHIP 22 1/16W (1608)
R228	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R229	1-211-977-11	s RESISTOR,CHIP 22 1/16W (1608)
R230	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R231	1-211-977-11	s RESISTOR,CHIP 22 1/16W (1608)
R232	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R233	1-211-977-11	s RESISTOR,CHIP 22 1/16W (1608)
R234	1-216-791-11	s RESISTOR,CHIP 3.3 1/16W 1608
R235	1-211-985-11	s RESISTOR,CHIP 47 1/16W (1608)
R236	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R237	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R238	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R240	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R241	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R243	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R244	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R245	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R250	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R251	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R252	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R253	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R254	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R257	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R258	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R261	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R262	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R263	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R265	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R267	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R290	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R291	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R292	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R293	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R300	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R301	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R302	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R303	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R304	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R306	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R307	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R390	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R391	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R392	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R393	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R394	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R395	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R396	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R397	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R401	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R402	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R403	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R404	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R405	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R406	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R407	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R408	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R409	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R410	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R411	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R412	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R413	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R414	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R415	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R416	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R417	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R418	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R419	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R420	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R421	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R422	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R423	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R424	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R425	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R426	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R427	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R428	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R429	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R430	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R431	1-211-975-11	s RESISTOR,CHIP 18 1/16W (1608)
R432	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R433	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R434	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R435	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R436	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R438	1-211-969-11	s RESISTOR,CHIP 10 1/16W (1608)
R440	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R441	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R442	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R443	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R444	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R445	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R446	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R447	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R448	1-211-991-11	s RESISTOR,CHIP 82 1/16W (1608)
R450	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R451	1-218-830-11	s RESISTOR,CHIP 200 1/16W (1608)
R452	1-218-830-11	s RESISTOR,CHIP 200 1/16W (1608)
R453	1-218-830-11	s RESISTOR,CHIP 200 1/16W (1608)
R454	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R455	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R456	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R457	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R458	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R459	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R460	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R461	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R462	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R463	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R464	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R465	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R466	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R467	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R468	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R469	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R470	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R471	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R472	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R473	1-218-853-11	s RESISTOR,CHIP 1.8K 1/16W(1608)
R474	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R475	1-218-853-11	s RESISTOR,CHIP 1.8K 1/16W(1608)
R477	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R478	1-211-991-11	s RESISTOR,CHIP 82 1/16W (1608)
R479	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R480	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R481	1-218-830-11	s RESISTOR,CHIP 200 1/16W (1608)
R482	1-218-830-11	s RESISTOR,CHIP 200 1/16W (1608)
R483	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R484	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R485	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R486	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R487	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R488	1-218-865-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R489	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R490	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R491	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R492	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R493	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R494	1-218-285-11	s RESISTOR,CHIP 75 1/16W (1608)
R495	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R496	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R497	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R498	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R499	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R500	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R501	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R502	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R503	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R504	1-216-818-11	s RESISTOR, CHIP 560 1/16W 1608
R505	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R506	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R507	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R508	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R509	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R510	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R511	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R512	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R513	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R514	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R515	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R516	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R517	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R518	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R519	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R520	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R521	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R522	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R523	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R524	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R525	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R526	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R527	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R528	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R529	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R530	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R531	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R532	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R533	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R534	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R535	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R536	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R537	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R538	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R539	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R540	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R541	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R542	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R543	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R545	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R550	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R551	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R552	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R553	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R554	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R555	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R600	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R601	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R602	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R603	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R604	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R605	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R606	1-216-838-11	s RESISTOR CHIP 27K 1/16W(1608)
R607	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R608	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R609	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R610	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R611	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R612	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R613	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R614	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R615	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R616	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R617	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R618	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R619	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R620	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R621	1-218-883-11	s RESISTOR,CHIP 33K 1/16W (1608)
R622	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R623	1-216-838-11	s RESISTOR CHIP 27K 1/16W(1608)
R624	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R625	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R626	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R627	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R628	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R629	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R630	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R631	1-218-891-11	s RESISTOR,CHIP 68K 1/16W (1608)
R632	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R633	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R634	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R635	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R636	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R637	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R638	1-217-671-11	s RESISTOR CHIP 1 1/10W(2125)
R639	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R640	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R641	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R642	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R643	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R644	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R645	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R646	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R647	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R648	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R649	1-216-847-11	s RESISTOR, CHIP 150K 1/16W 1608
R650	1-218-887-11	s RESISTOR,CHIP 47K 1/16W (1608)
R651	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R652	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R653	1-218-891-11	s RESISTOR,CHIP 68K 1/16W (1608)
R654	1-218-853-11	s RESISTOR,CHIP 1.8K 1/16W(1608)
R655	1-218-853-11	s RESISTOR,CHIP 1.8K 1/16W(1608)
R656	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R657	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R658	1-218-895-11	s RESISTOR,CHIP 100K 1/16W(1608)
R659	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R660	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R661	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R662	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R663	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R664	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R665	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R666	1-218-883-11	s RESISTOR,CHIP 33K 1/16W (1608)
R667	1-218-899-11	s RESISTOR,CHIP 150K 1/16W(1608)
R668	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R669	1-218-883-11	s RESISTOR,CHIP 33K 1/16W (1608)
R670	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R671	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R672	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R673	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R674	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R675	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R676	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R677	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R680	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R681	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R682	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R683	1-216-017-91	s RESISTOR, CHIP 47 1/10W(2012)
R684	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R685	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R750	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R751	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R752	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R753	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R754	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R755	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R756	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R757	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R758	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R759	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R760	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R761	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R762	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R763	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R764	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R765	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R766	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R780	△ 1-218-233-11	s RESISTOR,CHIP 47 1/2W (4532)
R782	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R783	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R784	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R785	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R786	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R787	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R788	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R789	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R792	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R794	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R795	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R800	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R801	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R802	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R803	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R804	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R805	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R806	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R807	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R808	1-211-969-11	s RESISTOR,CHIP 10 1/16W (1608)
R809	1-211-978-11	s RESISTOR,CHIP 24 1/16W (1608)
R810	1-211-969-11	s RESISTOR,CHIP 10 1/16W (1608)
R811	1-211-978-11	s RESISTOR,CHIP 24 1/16W (1608)
R812	1-218-856-11	s RESISTOR,CHIP 2.4K 1/16W(1608)
R813	1-218-856-11	s RESISTOR,CHIP 2.4K 1/16W(1608)
R815	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R816	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R817	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R818	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R819	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R820	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R821	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R900	1-219-611-21	s RESISTOR, CHIP 0.047 1W
R901	1-219-611-21	s RESISTOR, CHIP 0.047 1W
R902	1-219-796-11	s RESISTOR, CHIP(SQUARE)0.025 1W
R903	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R904	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R905	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R906	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R907	1-219-796-11	s RESISTOR, CHIP(SQUARE)0.025 1W
R908	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R909	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R910	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R911	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R912	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R913	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R914	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R915	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R916	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R917	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R918	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R919	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R920	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R921	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R922	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R923	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R925	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R926	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R927	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R928	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R929	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
RB100	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB101	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB102	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB103	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB104	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB105	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB106	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB107	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB108	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB109	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB110	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB111	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB112	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB113	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB114	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB115	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB116	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB117	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB118	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB119	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB120	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB121	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB122	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB123	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB124	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB125	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB126	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB200	1-239-286-11	s RESISTOR,NETWORK 22K (1608)
RB250	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB251	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB252	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB253	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB254	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB255	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB256	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB257	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB258	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB259	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB260	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB261	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB262	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB263	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB300	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB301	1-239-412-11	s NETWORK, RESISTOR 100 (1608)

(MA-107/107P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB302	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB303	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB305	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB306	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB307	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB308	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB309	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB310	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB311	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB313	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB314	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB315	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB316	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB390	1-239-621-11	s NETWORK RESISTOR 22 (1608)
RB451	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB452	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB481	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB482	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB521	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB522	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB523	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB524	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB525	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB529	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB531	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB532	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB533	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB534	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB535	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB540	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB541	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB542	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB543	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB544	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB545	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB546	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB547	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB548	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB549	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB550	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB570	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB571	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB572	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB573	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB574	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB575	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB576	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB577	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB578	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB579	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB750	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB751	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB752	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB753	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB754	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB755	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB800	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB801	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB802	1-236-907-11	s RESISTOR BLOCK 100K (1608)

(MA-107/107P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB803	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB804	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB805	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB806	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB807	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB808	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB809	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB810	1-236-907-11	s RESISTOR BLOCK 100K (1608)
S900	△ 1-771-762-11	s SWITCH, POWER
T800	△ 1-435-820-21	s TRANSFORMER, INPUT/OUTPUT
X100	1-781-108-11	s OSCILLATOR, CRYSTAL (32MHZ)
X101	1-760-622-21	s VIBRATOR, CRYSTAL
X230	1-781-345-11	s OSCILLATOR, CRYSTAL
X390	1-781-561-11	s OSCILLATOR, CRYSTAL
X400	1-767-399-11	s VIBRATOR, CRYSTAL
X510	1-795-138-11	s OSCILLATOR, CRYSTAL
X750	1-760-557-11	o VIBRATOR, CRYSTAL
X780	1-579-477-21	s VIBRATOR, CRYSTAL

## 6-4. Packing Materials & Supplied Accessories

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RX-47A BOARD  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8327-098-A	o MOUNTED CIRCUIT BOARD, RX-47A
C451	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C452	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C453	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
CN404	1-691-513-11	s CONNECTOR,BOARD TO BOARD 12P
IC451	8-748-031-08	s RAY CATCHER ELEMENT SBX8031-H
IC452	8-759-082-55	s IC TC7W00FU
R451	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608

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FRAME  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-791-486-11	s CABLE, FLAT (WHITH SHIELD) (FROM CN902/MA-107 BOARD TO CN101/DE-55 BOARD)
1pc	1-791-487-11	s CABLE, FLAT (WHITH SHIELD) (FROM CN701/IPM-92A BOARD TO CN403/DE-55 BOARD)
1pc	1-791-488-11	s CABLE, FLAT (WHITH SHIELD) (FROM CN801/IPM-93A BOARD TO CN402/DE-55 BOARD)
1pc	1-959-950-11	s HARNESS, SUB (CAM) (FROM CAMERA TO CN901/MA-107 BOARD)

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PCS-1600/1600P  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 1-418-560-11	s ADAPTOR, AC
2pcs	1-467-685-21	s REPEATER, IR
1pc	1-476-461-12	s REMOTE COMMANDER [for CE/UC]
1pc	1-476-461-22	s REMOTE COMMANDER [for J]
1pc	△ 1-551-812-11	s CORD,POWER [for UC]
1pc	1-695-531-11	s ADAPTOR, CONVERSION [for CE]
1pc	1-751-416-11	s CORD, YC CONNECTION
1pc	1-765-258-31	s CORD, CONNECTION
1pc	△ 1-783-969-11	s CORD,POWER [for J]
1pc	1-791-181-11	s CORD, CONNECTION (ISDN CORD)
1pc	3-205-055-01	s MANUAL, INSTRUCTION [for J]
1pc	3-205-055-11	s MANUAL, INSTRUCTION [for UC]
1pc	3-205-055-21	s MANUAL, INSTRUCTION [for UC]
2pcs	3-622-608-01	s SHEET A, FIXED (PP)

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PCS-P160P  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 1-782-929-11	s CORD,POWER (BS 3P)
1pc	3-205-055-11	s MANUAL, INSTRUCTION
1pc	3-205-055-21	s MANUAL, INSTRUCTION
1pc	3-205-055-31	s MANUAL, INSTRUCTION

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PCS-II160/II161  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-791-181-21	s CORD, CONNECTION (ISDN CORD) [for PCS-II160]
1pc	1-791-181-31	s CORD, CONNECTION (ISDN CORD) [for PCS-II160]
2pcs	7-682-546-09	s SCREW +B3X5



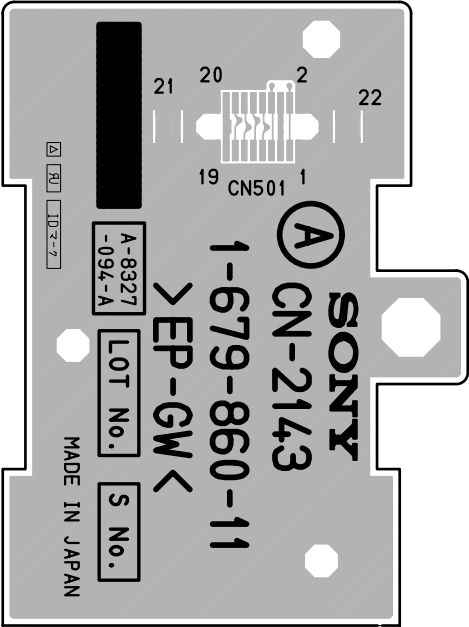
Section 7

Board Layouts

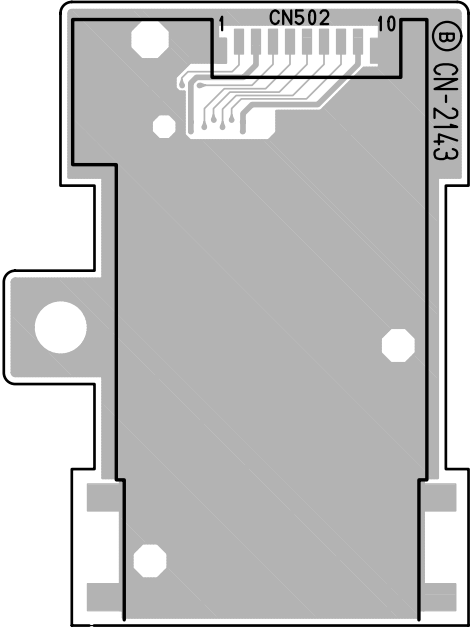
Index

Board name	Main Function	Page
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EX-816	Extention board	7-1
IPM-92A	IR receiver board	7-3
IPM-93A	IR receiver board	7-3
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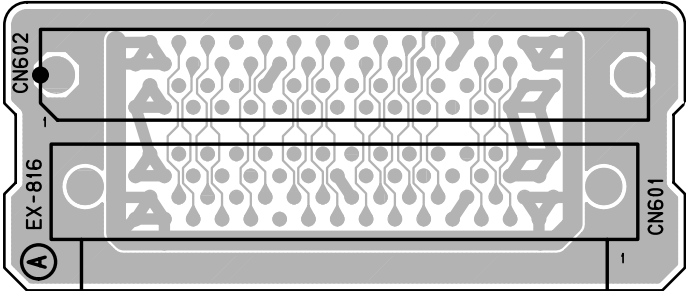
\* Option board



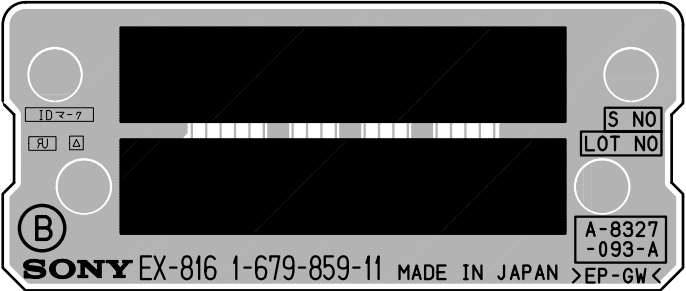
CN-2143 -A SIDE-  
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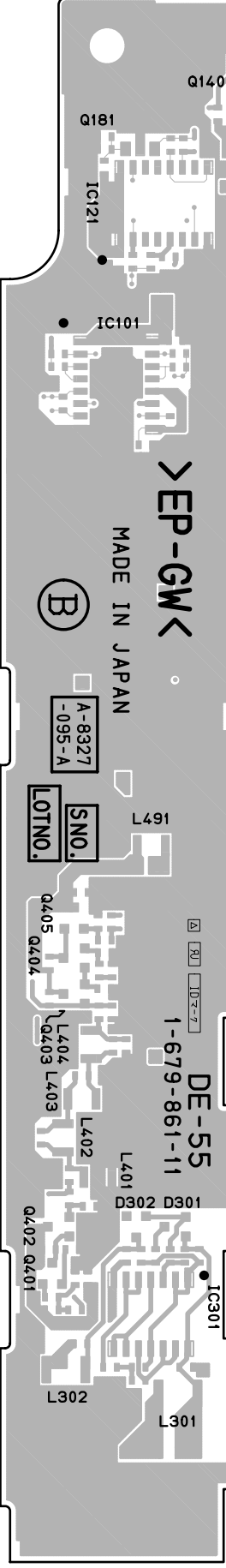
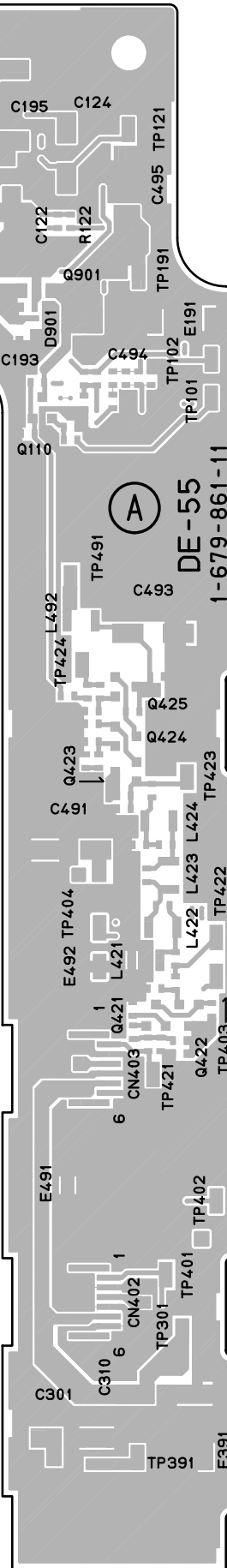
CN-2143 -B SIDE-  
SUFFIX: -11

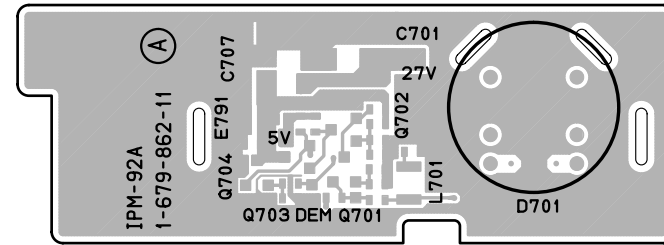


EX-816 -A SIDE-  
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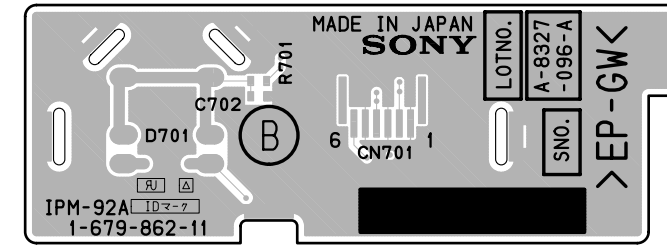


EX-816 -B SIDE-  
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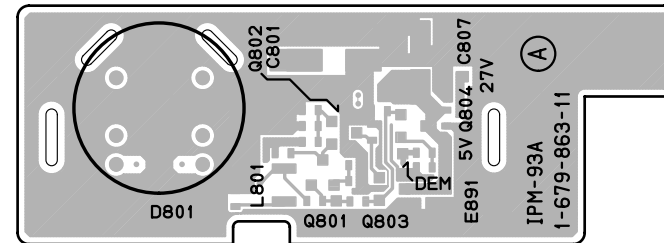




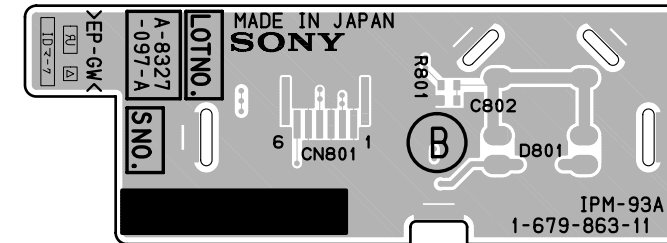
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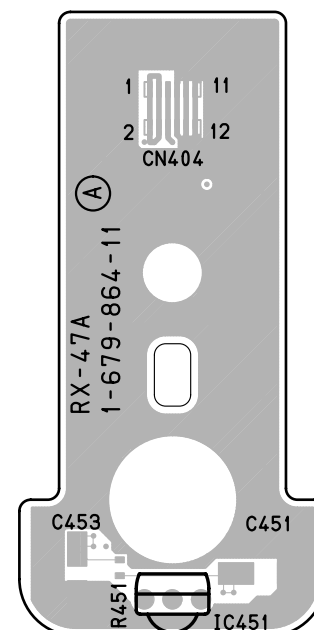
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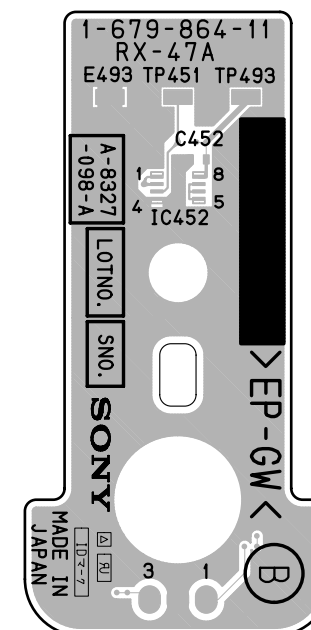
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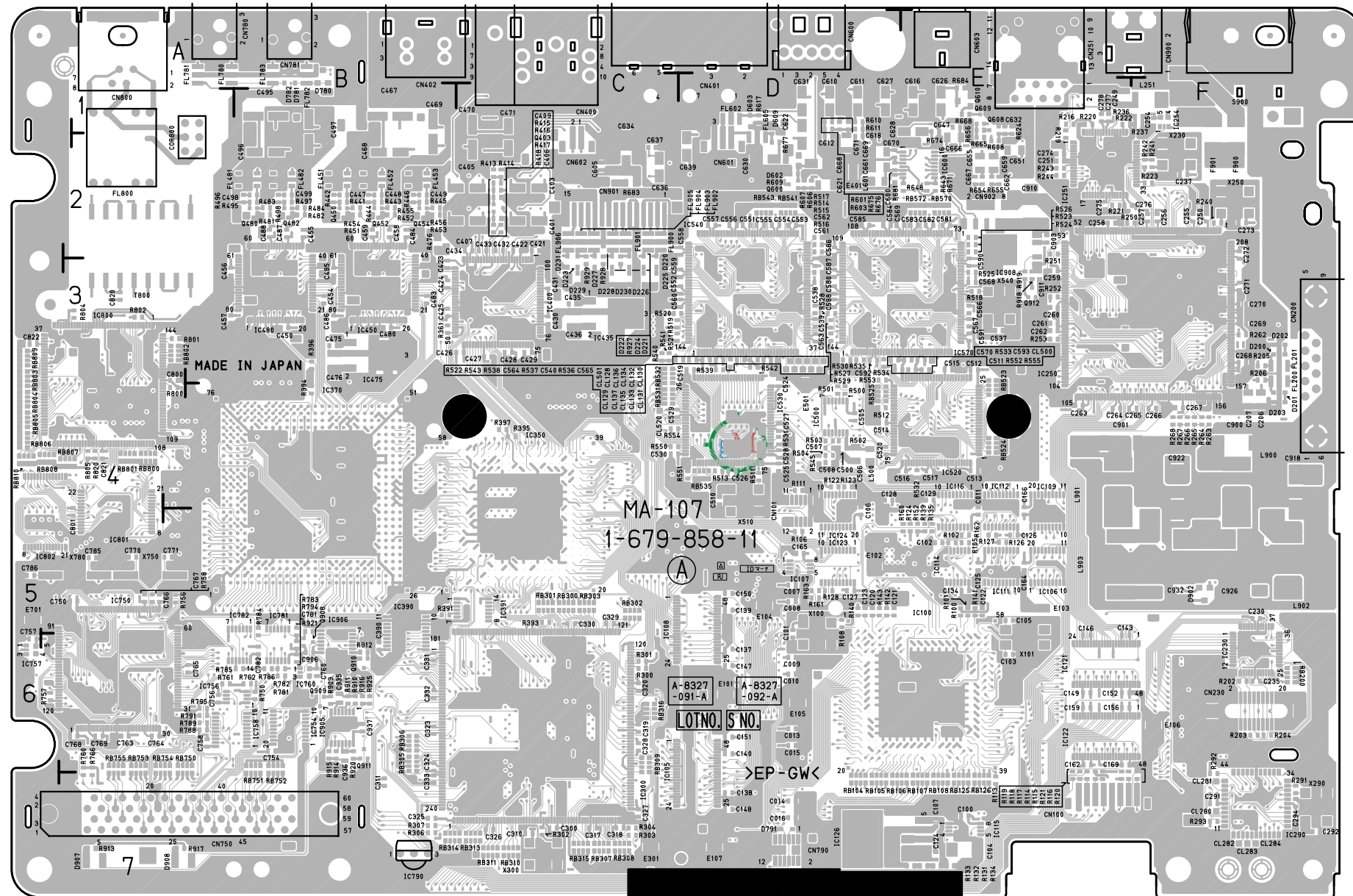
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SUFFIX: -11



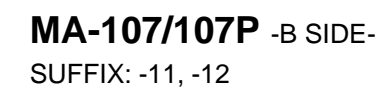
**RX-47A** -A SIDE-  
SUFFIX: -11



**RX-47A** -B SIDE-  
SUFFIX: -11

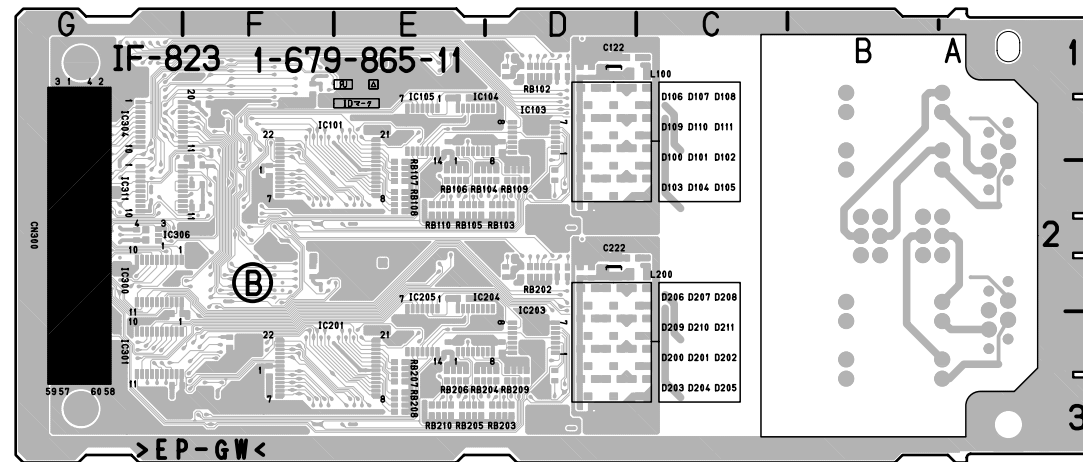


MA-107/107P -A SIDE-  
SUFFIX: -11, -12

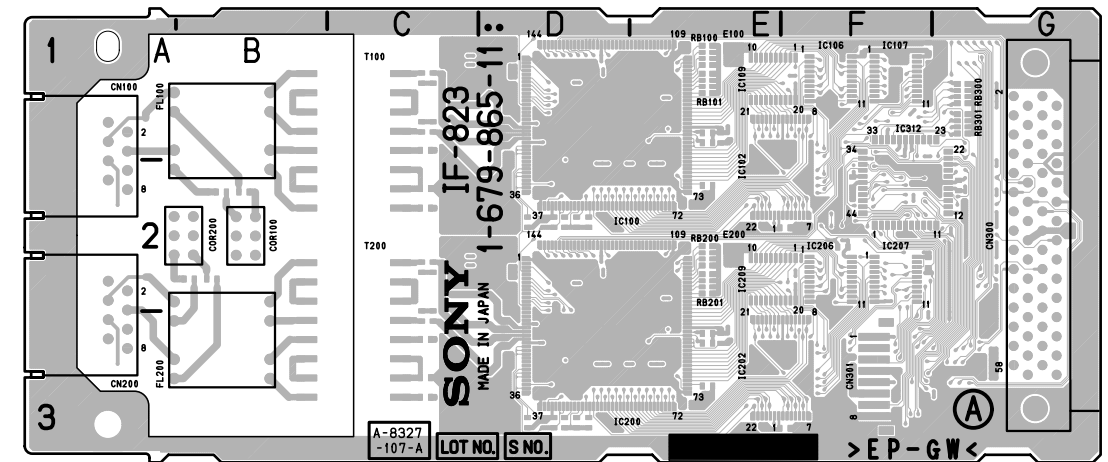


MA-107(1-679-858-11)

C001	*E7	C108	*E7	C204	*C3	C395	*C6	C501	*D4	C625	*D1	C900	F4	D602	D2	IC106	E5	IC804	*A4	R116	F7	R262	F3	R466	*B1	R608	E2	R780	*B1	RB126	E7	X101	E6
C004	*E5	C109	*E6	C205	*F4	C401	C2	C505	D4	C626	E1	C901	E4	D603	D1	IC107	D5	IC805	*A4	R117	E7	R263	F4	R467	*B1	R609	D2	R781	B6	RB200	F6	X230	F2
C005	*D5	C110	*E6	C206	F4	C402	*C2	C506	D4	C627	D1	C902	*E5	D604	*D1	IC108	D5	IC806	*A4	R118	E7	R264	F4	R468	*C1	R610	D1	R782	B6	RB250	*F2	X250	F2
C006	*D5	C111	*E6	C207	F4	C403	C2	C507	D4	C628	E1	C903	E2	D605	*D1	IC109	E5	IC807	*A4	R119	E7	R265	F4	R469	*B1	R611	D1	R783	B5	RB251	*F2	X290	*F7
C007	D5	C112	*E6	C208	*F4	C404	*C2	C508	D4	C629	*D2	C904	*E2	D606	*D1	IC110	*E5	IC808	*A5	R120	F7	R266	F4	R470	*B1	R612	*D2	R784	B5	RB252	*E3	X291	F7
C008	D5	C113	*E6	C209	*F4	C405	C2	C509	*D3	C630	D2	C906	B6	D607	*D1	IC111	E5	IC809	*A5	R121	E7	R267	F4	R471	*C1	R613	*D2	R785	B6	RB253	*E2	X300	C7
C009	D6	C114	*E5	C210	*C2	C406	C2	C510	D4	C631	D1	C910	E2	D608	*D1	IC112	E5	IC810	*A5	R122	D4	R268	F4	R472	*B3	R614	*D2	R786	B6	RB254	*E3	X390	*C5
C010	D6	C115	*E6	C211	*F4	C407	C2	C511	E3	C632	E1	C911	E3	D609	D2	IC114	E5	IC811	*A5	R123	D4	R290	*F7	R473	*B3	R615	*D2	R787	*A5	RB255	*E3	X400	*C3
C011	E5	C116	*E6	C212	*C2	C408	*C2	C512	E3	C633	*D2	C915	*E2	D610	*E1	IC115	E7	IC812	*A4	R124	E5	R291	F7	R474	*B3	R616	*D1	R788	A6	RB256	*F3	X510	D4
C012	*D6	C117	*E6	C213	*F3	C409	C2	C513	E4	C634	C2	C917	*E2	D611	*E1	IC116	E5	IC900	*F4	R125	*E6	R292	F6	R475	*B3	R617	D1	R789	A6	RB257	*F3	X540	E3
C013	D6	C118	*E6	C220	*C2	C410	*C2	C514	D4	C635	*C2	C918	F4	D780	B1	IC121	E6	IC901	*E4	R126	E5	R293	F7	R476	B2	R618	*D1	R790	*C7	RB258	*F4	X750	A5
C014	D7	C119	*E6	C230	F5	C411	*C2	C515	E3	C636	C2	C920	*F4	D781	B1	IC122	E6	IC902	*F5	R127	E5	R300	C6	R477	*B3	R619	*D1	R791	A6	RB259	*F4	X780	A5
C015	D6	C120	D5	C235	F6	C412	*C2	C516	E4	C637	C2	C921	*F4	D782	B1	IC123	D5	IC904	*E2	R128	D5	R301	C6	R478	*B2	R620	*D1	R792	*A6	RB260	*F4		
C016	D7	C121	D5	C236	*F6	C413	*C3	C517	E4	C638	*C2	C922	F4	D791	D7	IC124	D5	IC905	B6	R129	*D5	R302	C7	R479	*B2	R621	*D1	R794	B6	RB261	*E4		* : B SIDE
C025	*B4	C122	E5	C237	F2	C414	*C3	C518	*E4	C639	D2	C924	*F4	D800	*A3	IC126	D7	IC906	B6	R130	*D5	R303	C7	R480	*B3	R622	*D2	R795	A6	RB262	*E4		
C026	*B5	C123	D5	C241	*E2	C415	*C3	C519	D3	C640	*E2	C925	*E4	D801	*A3	IC200	*F3	IC908	E2	R131	E7	R304	C7	R481	B2	R623	*D2	R800	A4	RB263	*E4		
C027	*B5	C124	E7	C249	E1	C416	*C3	C520	D4	C641	*E1	C926	F5	D802	*A3	IC204	*C2			R132	E7	R306	B7	R482	B2	R624	E1	R801	A3	RB300	C5		
C028	*B5	C125	E5	C250	F2	C421	C2	C521	*E3	C646	*E2	C927	*F5	D803	*A3	IC205	*F4	L251	F1	R133	E7	R307	B7	R483	B2	R625	*D2	R802	A3	RB301	C5		
C029	*B5	C126	E5	C251	E2	C422	C2	C524	D3	C647	E1	C928	*F5	D804	*A3	IC230	F6	L435	*C3	R134	E7	R361	B3	R484	B2	R626	*D1	R803	*A3	RB302	C5		
C030	*B5	C127	D5	C252	*E3	C423	B3	C525	D4	C650	*E2	C929	*F5	D805	*A3	IC231	*F6	L436	*C3	R135	E5	R362	*C4	R485	*B2	R627	*D2	R804	A3	RB303	C5		
C031	*B5	C128	D4	C253	*F3	C424	B3	C526	D4	C651	E2	C930	*F5	D806	*A3	IC250	F3	L437	*C3	R136	*E7	R363	*C4	R486	*B2	R628	*E2	R805	A4	RB305	B6		
C032	*B4	C129	E4	C254	F1	C425	B3	C527	D4	C652	*E1	C931	*F5	D807	*A3	IC251	E2	L440	*C1	R137	*E7	R364	*C4	R487	*B2	R629	*E2	R806	*A3	RB306	B6		
C033	*B4	C130	*E5	C255	F2	C426	C3	C528	D4	C653	*E2	C932	F5	D808	*A3	IC252	*F2	L490	*B3	R138	*E7	R390	*C5	R488	*B2	R630	*E1	R807	*A3	RB307	C7		
C034	*B4	C131	*E5	C256	F2	C427	C3	C529	D4	C654	*E2	C933	*F5	D809	*A3	IC254	F1	L491	*B3	R139	E5	R391	B5	R489	*B2	R631	*E2	R808	*A3	RB308	C7		
C035	*B4	C132	*E5	C257	F2	C428	C3	C530	D4	C655	E2	C934	*F5	D810	*A3	IC289	*F7	L492	*B3	R140	D5	R392	*C5	R490	*B2	R632	*E2	R809	*A3	RB309	C6		
C036	*B4	C133	*D5	C258	E2	C429	C3	C531	*D4	C657	*E2	C935	B6	D811	*A3	IC290	F7	L493	*B3	R141	E5	R393	C5	R491	*B1	R633	*D2	R810	*A3	RB310	C7		
C037	*B4	C134	E5	C259	E3	C430	C3	C534	*D3	C659	E2	C936	B6	D900	*F4	IC291	*F3	L500	D4	R142	D5	R394	B4	R492	*B1	R634	*D2	R811	*A3	RB311	C7		
C038	*B4	C135	*D6	C260	E3	C431	C3	C535	*E3	C660	*D1	C937	B6	D901	*E4	IC292	*E2	L601	D2	R143	D5	R395	C4	R493	*B1	R635	*D2	R812	*A3	RB313	C7		
C039	*B4	C136	*D7	C261	E3	C432	C2	C536	*E3	C661	D2	C938	*E2	D902	F5	IC293	*E3	L800	*A3	R146	*E6	R396	B3	R494	*B1	R636	*D2	R813	*A3	RB314	C7		
C040	*B4	C137	D6	C262	E3	C433	C2	C537	E3	C662	E2	C940	*F1	D903	*F5	IC294	*F3	L900	F4	R147	*E6	R397	C4	R495	B2	R637	*D2	R815	*A4	RB315	C7		
C041	*B4	C138	D7	C263	E4	C434	C2	C538	D3	C663	*E2	C941	*F4	D905	*E5	IC300	C6	L901	E4	R152	E5	R401	*C2	R496	B2	R638	*C2	R816	*A3	RB316	C6		
C042	*B4	C139	D5	C264	E4	C435	C3	C539	D3	C664	*C2	C942	*F1	D907	A7	IC301	*B7	L902	F5	R153	*E5	R402	*C2	R497	B2	R639	*C2	R817	*A2	RB390	*B5		
C043	*A4	C140	D6	C265	F4	C436	C3	C540	D3	C665	*D2	C943	*F1	D908	A7	IC302	*B6	L903	E5	R160	E5	R403	*C2	R498	B2	R640	*C2	R818	*A2	RB400	*C3		
C044	*A5	C141	*D5	C266	F4	C437	*C3	C541	*D2	C666	E2	C944	*F1			IC303	*C7	L904	*E2	R161	D5	R404	*C2	R499	*B2	R641	*D1	R819	*A4	RB401	*C3		
C045	*A5	C142	*D6	C267	F4	C438	*C3	C542	*D3	C667	E2			E104	D6	IC304	*C6			R162	E5	R405	*C2	R500	D4	R642	*D1	R820	A4	RB451	*B3		
C046	*B5	C143	E6	C268	F3	C440	*C2	C543	*D3	C668	D2	CN100	F7	E105	D5	IC305	*C7	Q401	*C2	R163	D5	R406	*C2	R501	D4	R643	E2	R821	*A5	RB452	*B3		
C047	*B4	C144	*D6	C269	F3	C441	*C2	C550	*D3	C669	D2	CN101	D4	E106	E5	IC306	*C6	Q402	*C2	R190	*A5	R407	*C2	R502	D4	R644	*E2	R900	*F4	RB481	*B3		
C048	*B4	C145	*D7	C270	F3	C442	*B2	C551	D2	C670	D2	CN200	F4	E107	D5	IC350	C5	Q403	C2	R191	*A5	R408	*C2	R503	D4	R645	*E2	R901	*F4	RB482	*B3		
C049	*B4	C146	E6	C271	F3	C443	*B2	C552	D3	C671	D2	CN230	F6	E108	D6	IC351	*C4	Q404	*C2	R192	*A5	R409	*C2	R504	D4	R646	*E2	R902	*F5	RB521	*E4		
C050	*B5	C147	D6	C272	F2	C444	*B2	C553	D2	C672	*D1	CN251	E1	E109	F6	IC370	B4	Q405	*C2	R193	*A4	R410	*C2	R505	*D3	R647	*E2	R903	*F5	RB522	*E4		
C051	*B5	C148	D7	C273	F2	C445	*B3	C554	D2	C673	*E2	CN400	C1	E110	D7	IC371	*B4	Q406	*C2	R200	*F4	R411	*C2	R506	*D4	R648	E2	R904	*F6	RB523	E4		
C052	*B4	C149	E6	C274	E2	C446	*B3	C555	D2	C703	*A6	CN401	D1	E304	C7	IC390	B5	Q450	B2	R201	*F3	R412	*C2	R507	*C4	R649	*E2	R905	*F5	RB524	E4		
C053	*B4	C150	D5	C275	E2	C447	B2	C556	D2	C704	*A6	CN402	B1	E401	D2	IC391	C5	Q451	*B2	R202	F6	R413	C2	R508	*D4	R650	*E1	R906	*F5	RB525	D4		
C054	*B4	C151	D6	C276	E2	C448	B2	C557	D2	C747	*B6	CN600	D1	E501	D4	IC400	C3	Q452	B2	R203	F6	R414	C2	R509	*D4	R651	*E2	R907	*F5	RB529	*D2		
C055	*B4	C152	E6	C277	E1	C449	B2	C558	D2	C748	*B6	CN601	D1	E701	A5	IC435	C3	Q453	*B2	R204	F6	R415	C2	R510	*D4	R652	*E2	R908	*F6	RB531	C4		
C056	*B5	C153	*F6	C278	E1	C450	B3	C559	D3	C749	*B6	CN602	C1			IC450	B3	Q454	B2	R205	F3	R416	C2	R511	D4	R653	*E2	R909	B6	RB532	C3		
C057	*B5	C154	*F6	C279	*F3	C451	*B2	C560	D3	C750	A5	CN603	E1	F900	F2	IC451	*B2	Q455	*B2	R206	F3	R417	C2	R512	D4	R654	E2	R910	B6	RB533	*D4		
C060	*C5	C155	*D6	C280	*F3	C452	*C2	C561	D3	C751	*B6	CN750	A7	F901	F2	IC452	*C2	Q480	B2	R207	*C3	R418	C2	R513	D4	R655	E2	R911	B6	RB534	*D4		
C061	*C5	C156	E6	C281	*F2	C454	B3	C562	D3	C752	*A6	CN780	A1			IC475	B3	Q481	*B2	R208	*C3	R419	*C2	R514	D2	R656	E1	R912	B6	RB535	D4		
C062	*C5	C157	*C6	C291	F7	C455	B2	C563	D3																								



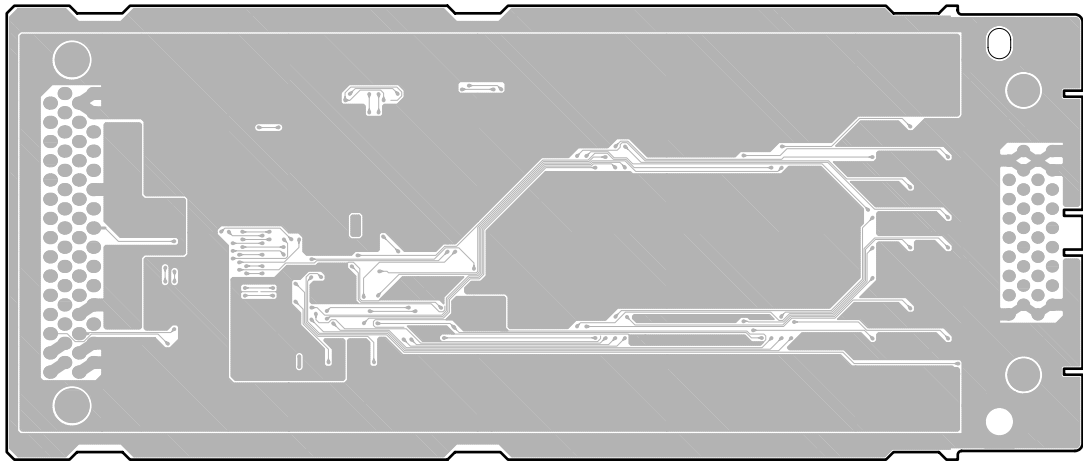
**IF-823** -B SIDE-  
SUFFIX: -11



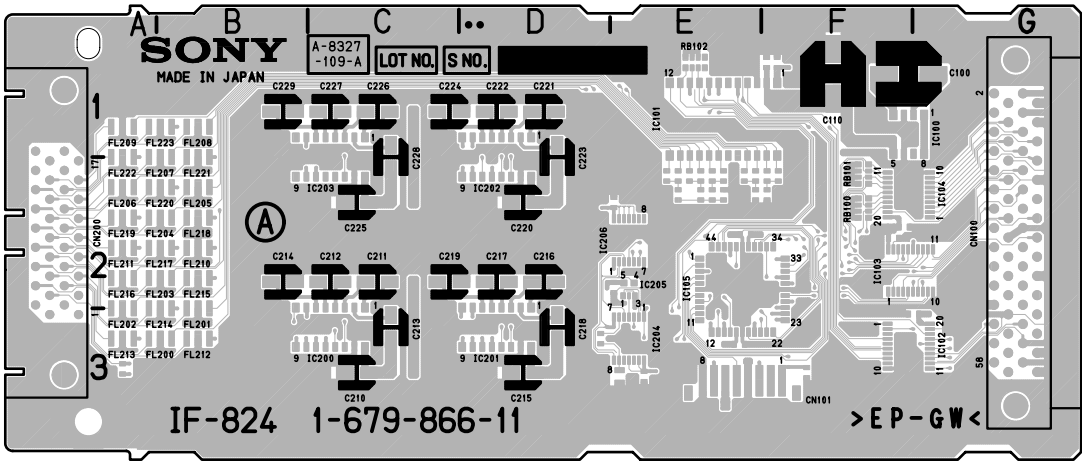
**IF-823** -A SIDE-SUFFIX: -11

IF-823 (1-679-865-11)									
C100	*D1	COR100	B2	IC204	*E3	R211	C3		
C101	*F2	COR200	B2	IC205	*E3	R212	C3		
C102	F2	D100	*D2	IC206	F2	R213	C3		
C103	*D1	D101	*D2	IC207	F2	R215	*D3		
C104	*E1	D102	*C2	IC209	E2	R216	*D2		
C105	*E1	D103	*D2	IC300	*G2	R217	D3		
C106	F1	D104	*D2	IC301	*G3	R218	D3		
C107	G1	D105	*C2	IC304	*G1	R219	E3		
C109	*F1	D106	*D1	IC306	*G2	R221	B2		
C112	*D1	D107	*D1	IC311	*G2	R222	B2		
C113	D2	D108	*C1	IC312	F2	R300	*F2		
C114	E1	D109	*D1	L100	*D1	R301	*F2		
C115	*D1	D110	*D1	L200	*D2	R302	*F3		
C120	C2	D111	*C1	R100	*D1	RB100	E1		
C121	*D2	D200	*D3	R101	*D1	RB101	E1		
C122	*D1	D201	*D3	R102	*D1	RB102	*D1		
C200	*D2	D202	*C3	R103	D2	RB103	*D2		
C201	*F3	D203	*D3	R104	D2	RB104	*D2		
C202	F3	D204	*D3	R105	E1	RB105	*E2		
C203	*D3	D205	*C3	R106	E1	RB106	*E2		
C204	*E2	D206	*D2	R108	C1	RB107	*E2		
C205	*E3	D207	*D2	R109	C1	RB108	*E2		
C206	F2	D208	*C2	R110	C1	RB109	*D2		
C207	G2	D209	*D3	R111	C1	RB110	*E2		
C209	*F2	D210	*D3	R112	C1	RB200	E2		
C212	*D2	D211	*C3	R113	C2	RB201	E2		
C213	D3	E100	E1	R115	*D2	RB202	*D2		
C214	E3	E200	E2	R116	*D1	RB203	*D3		
C215	*D2	FL100	B1	R117	D2	RB204	*D3		
C220	C3	FL200	B2	R118	D2	RB205	*E3		
C221	*D3	IC100	D1	R119	E2	RB206	*E3		
C222	*D2	IC101	*F2	R121	B2	RB207	*E3		
C300	*G3	IC102	F2	R122	B2	RB208	*E3		
C301	*G3	IC103	*D1	R200	*D2	RB209	*D3		
C304	*F1	IC104	*E1	R201	*D2	RB210	*E3		
C306	*G2	IC105	*E1	R202	*D2	RB300	G1		
C311	*F2	IC106	F1	R203	D3	RB301	G1		
C312	F2	IC107	F1	R204	D3	T100	C1		
C313	G2	IC109	E1	R205	E3	T200	C3		
CN100	A1	IC200	D3	R206	E3				
CN200	A2	IC201	*F3	R208	C2				
CN300	G1	IC202	F3	R209	C2				
CN301	F3	IC203	*D3	R210	C3				

\* : B SIDE



IF-824 -B SIDE-  
SUFFIX: -11



IF-824 -A SIDE-  
SUFFIX: -11

IF-824 (1-679-866-11)

C100	G1	FL206	A2	R112	F2
C101	F1	FL207	B2	R113	F2
C102	G3	FL208	B1	R114	E2
C103	F2	FL209	A1	R115	F3
C104	F2	FL210	B2	R200	D3
C105	E3	FL211	A2	R201	A3
C106	E2	FL212	B3	RB100	F2
C110	F1	FL213	A3	RB101	F2
C111	F1	FL214	B3	RB102	E1
C115	E2	FL215	B2		
C200	E3	FL216	A2		
C204	E3	FL217	B2		
C205	E2	FL218	B2		
C206	E2	FL219	A2		
C210	C3	FL220	B2		
C211	C2	FL221	B2		
C212	C2	FL222	A2		
C213	C3	FL223	B1		
C214	B2	IC100	G1		
C215	D3	IC101	E1		
C216	D2	IC102	G3		
C217	D2	IC103	G2		
C218	D3	IC104	G2		
C219	D2	IC105	E2		
C220	D2	IC200	C3		
C221	D1	IC201	D3		
C222	D1	IC202	D2		
C223	D2	IC203	C2		
C224	D1	IC204	E3		
C225	C2	IC205	E2		
C226	C1	IC206	E2		
C227	C1	R100	E2		
C228	C2	R101	E2		
C229	B1	R102	E2		
CN100	G1	R103	E2		
CN101	F3	R104	E2		
CN200	A3	R105	E2		
FL200	B3	R106	E2		
FL201	B3	R107	E2		
FL202	A3	R108	E2		
FL203	B2	R109	F2		
FL204	B2	R110	F2		
FL205	B2	R111	F2		

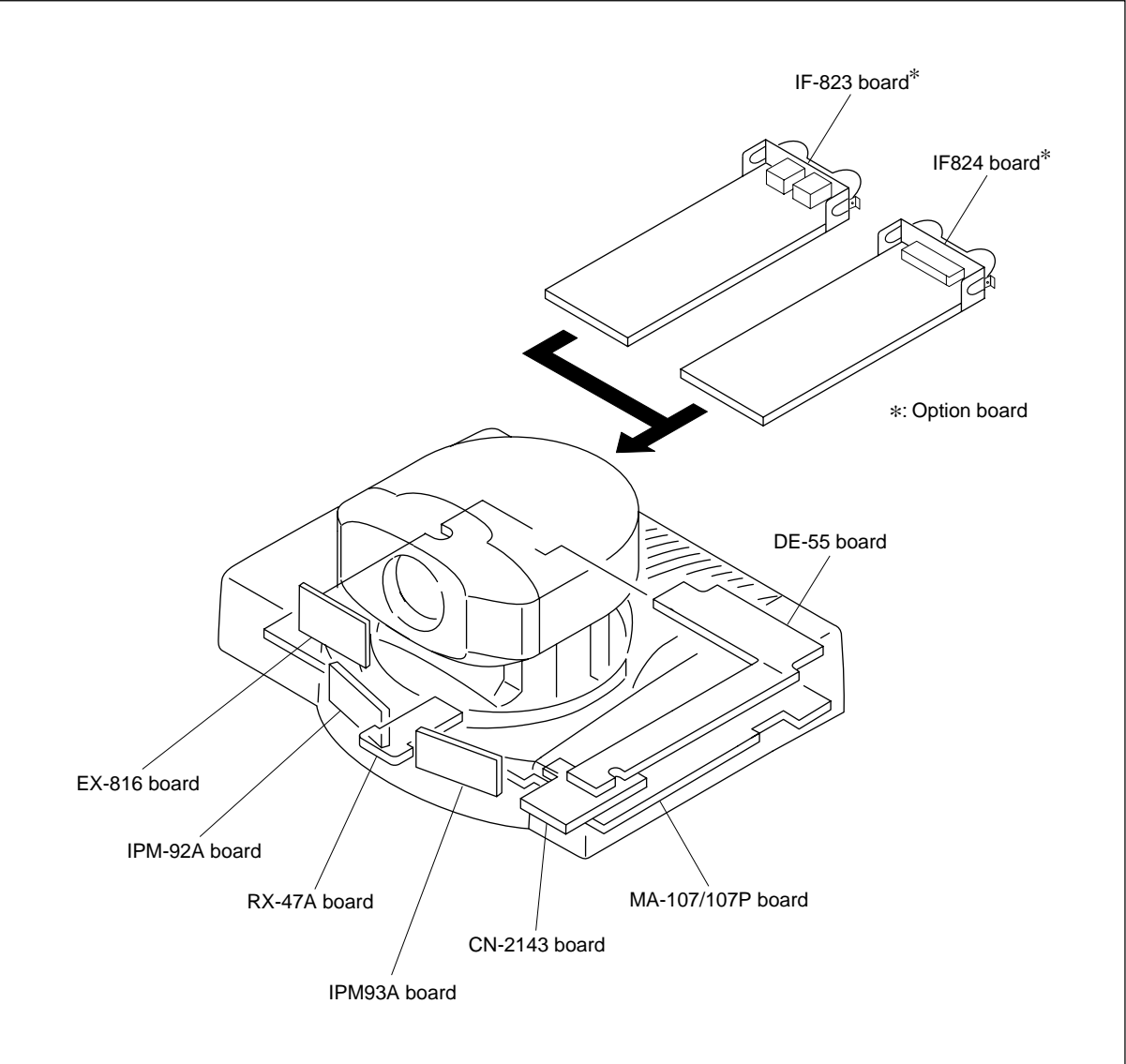


Section 8  
Schematic Diagrams

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Board Layout Diagram



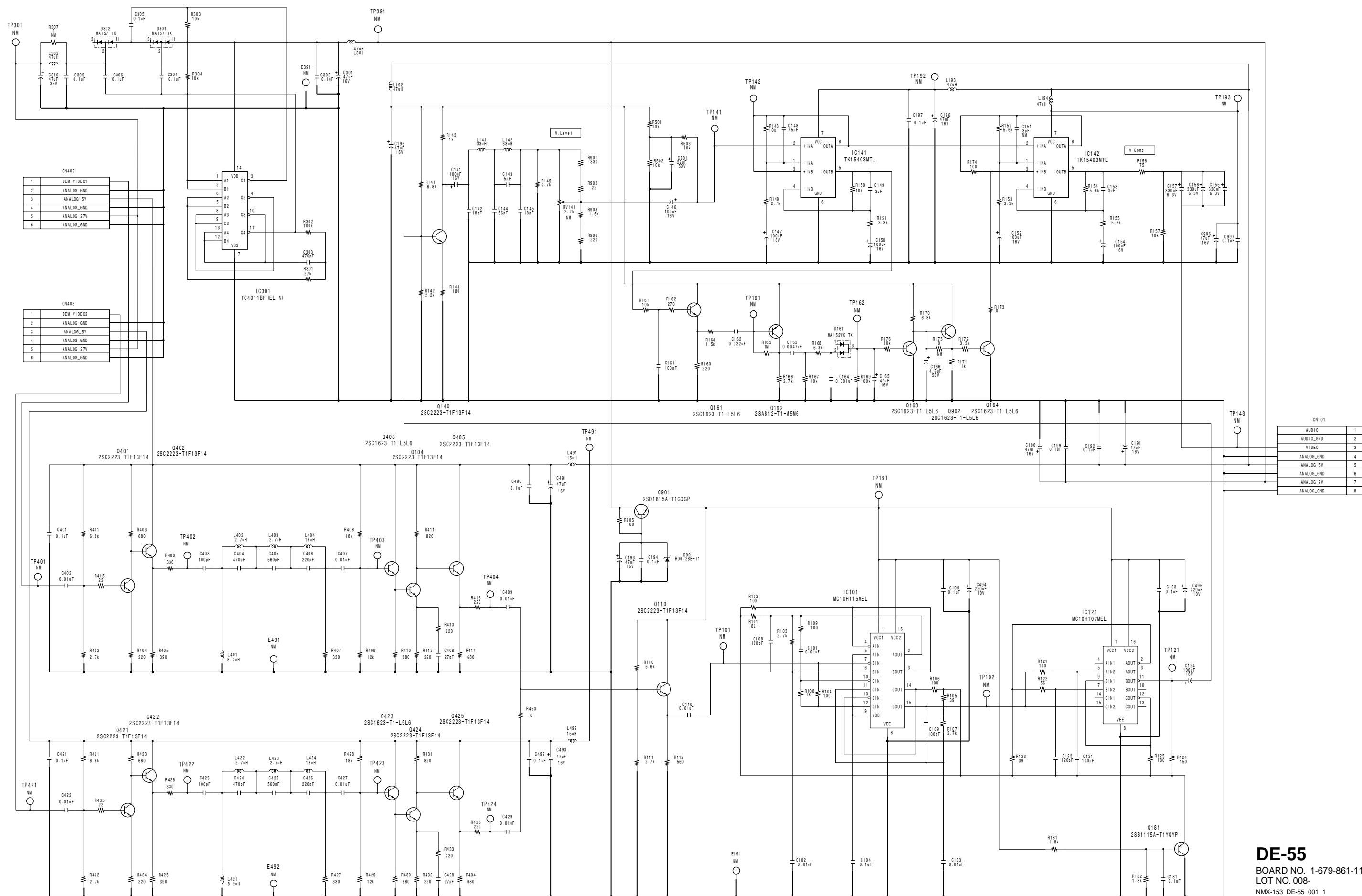
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2

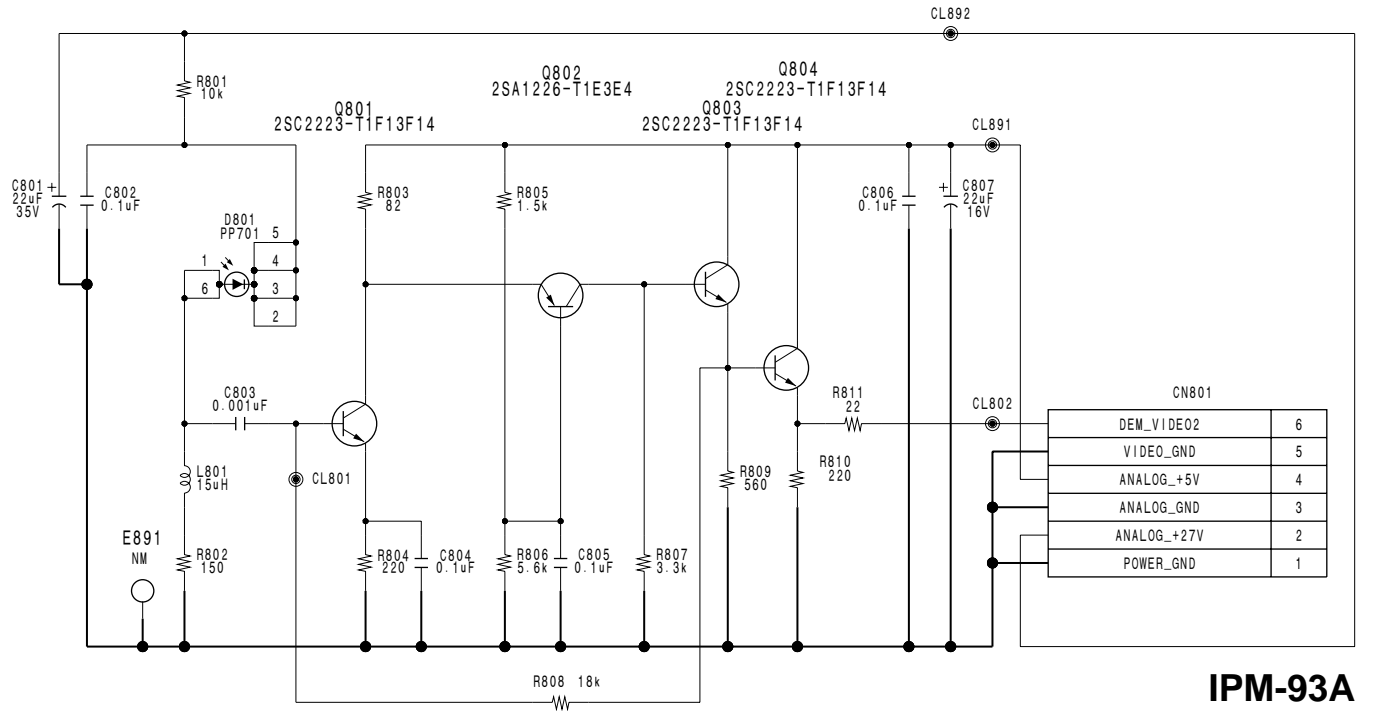
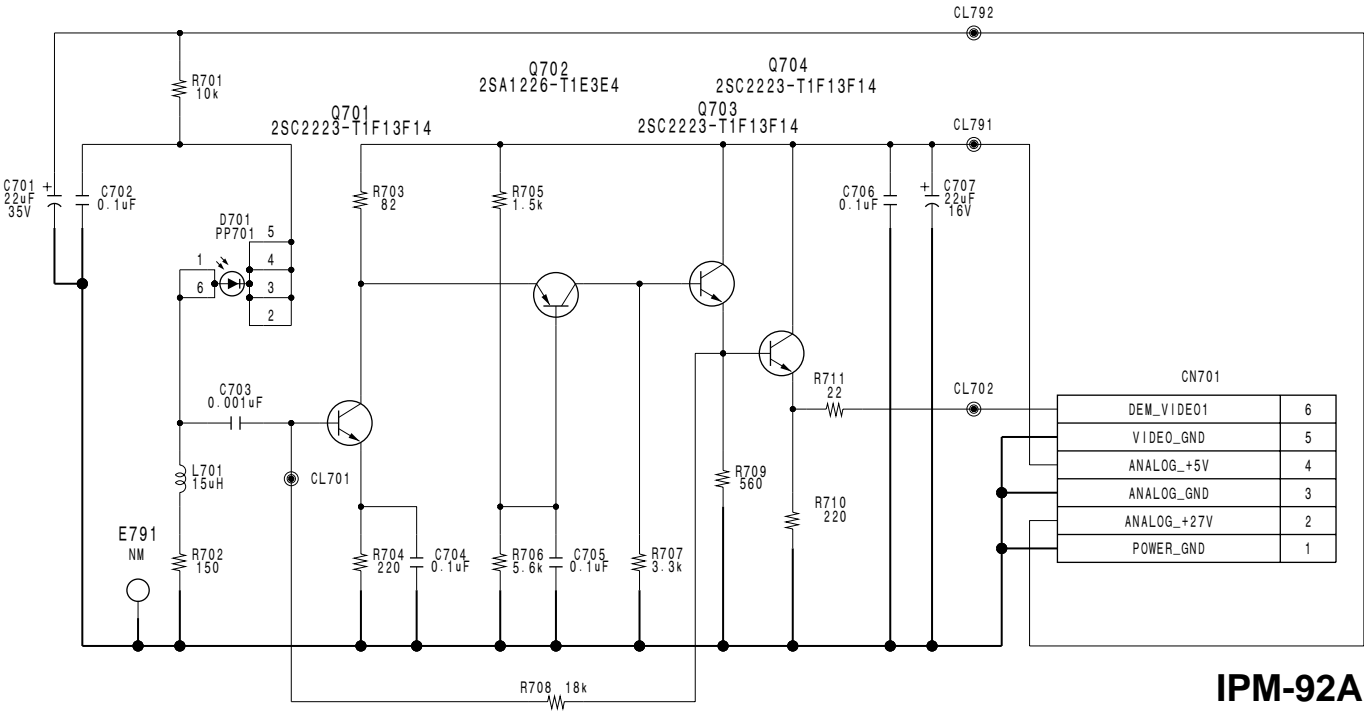
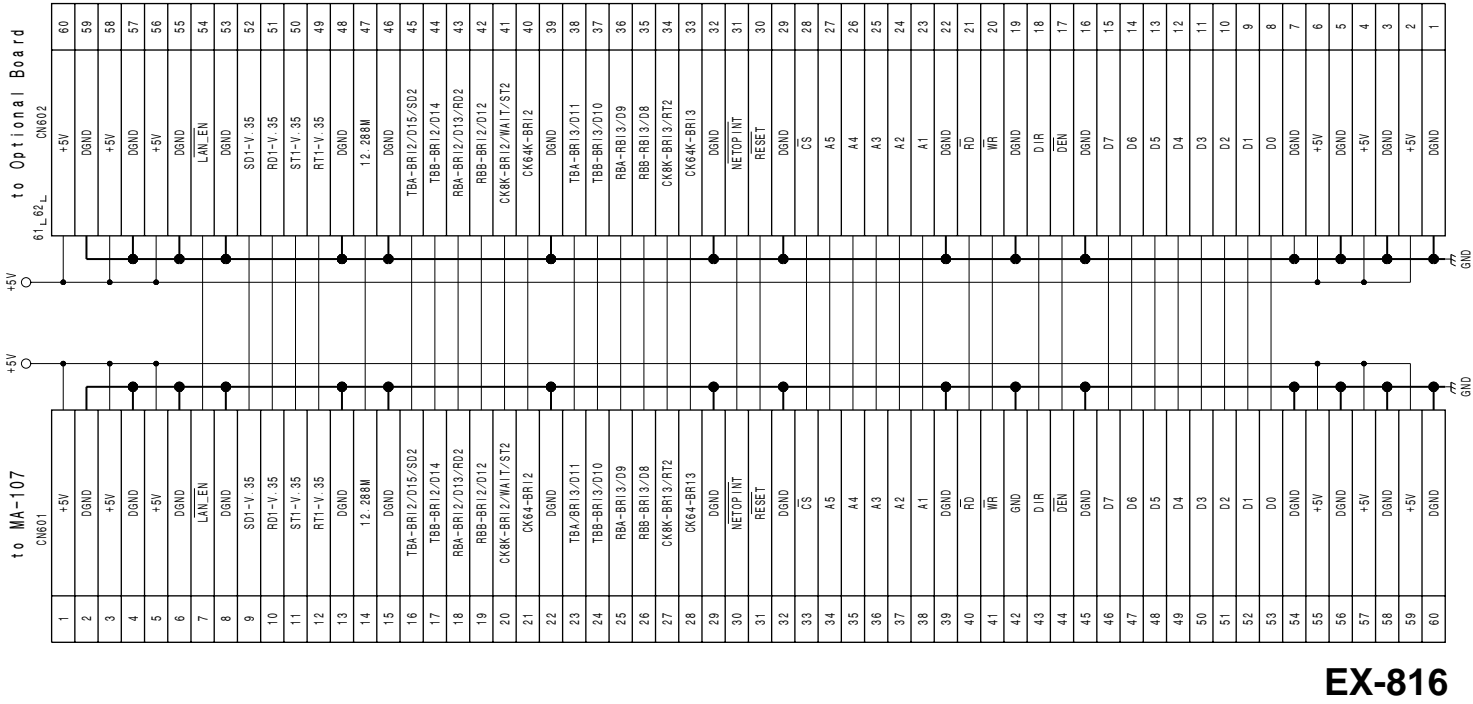
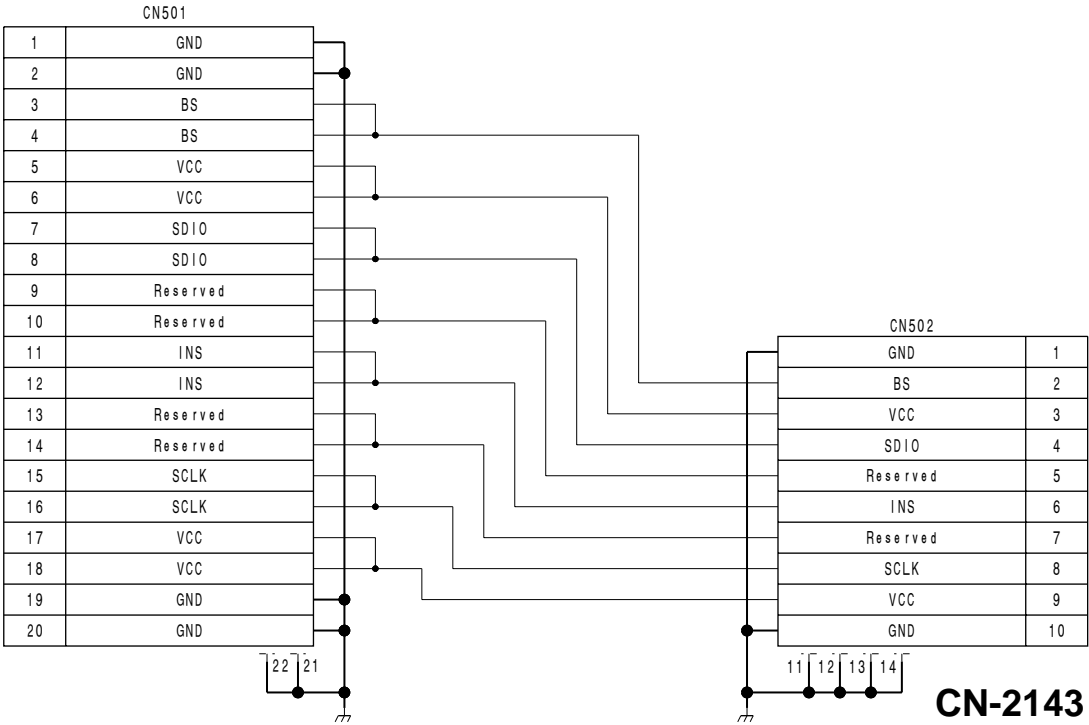
3

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5



**DE-55**  
BOARD NO. 1-679-861-11  
LOT NO. 008-  
NMX-153\_DE-55\_001\_1

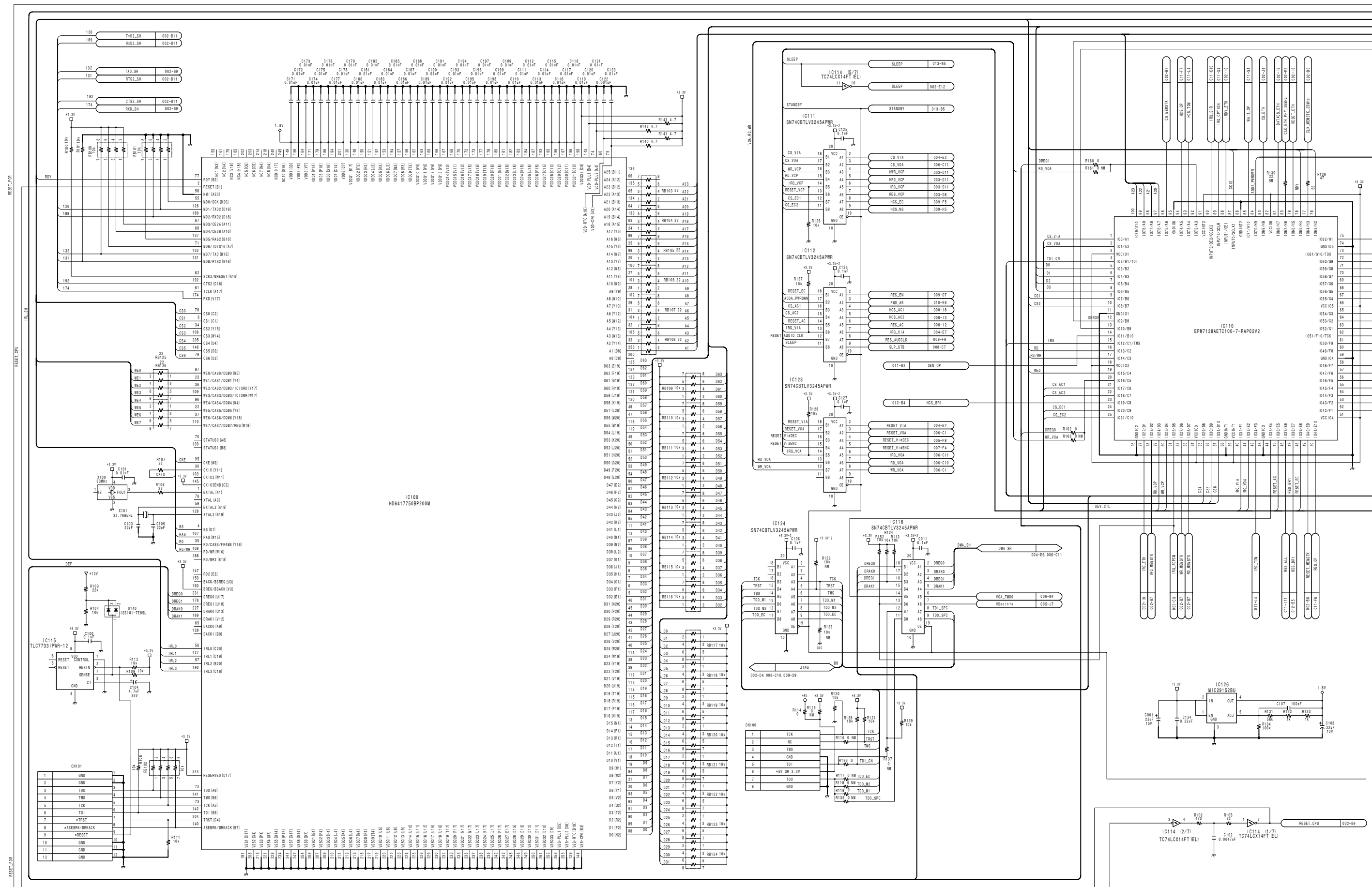


**CN-2143**  
BOARD NO. 1-679-860-11  
LOT NO. 008-  
NMX-153\_CN-2143\_001\_1

**IPM-92A**  
BOARD NO. 1-679-862-11  
LOT NO. 008-  
NMX-153\_IPM-92A\_001\_1

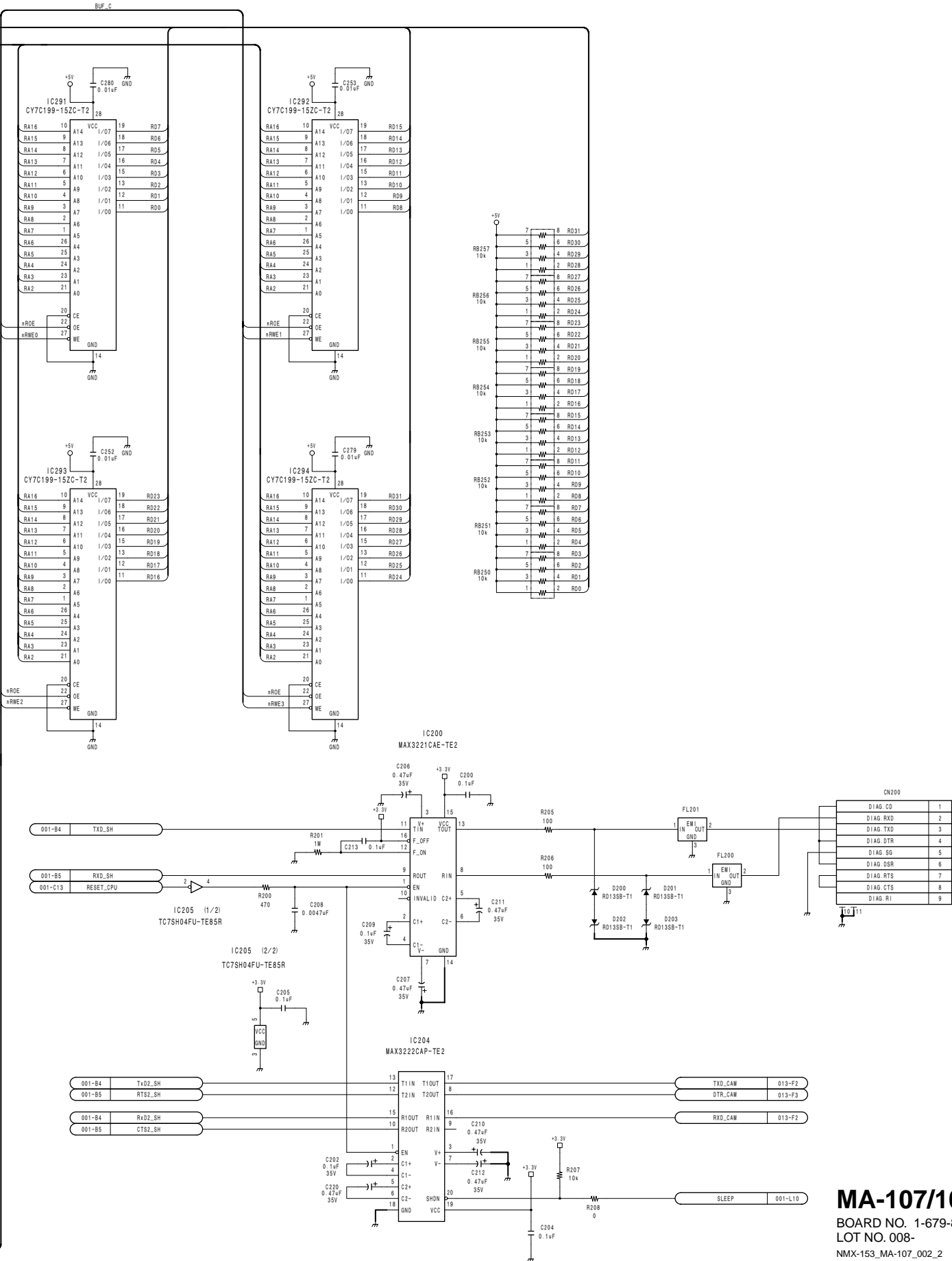
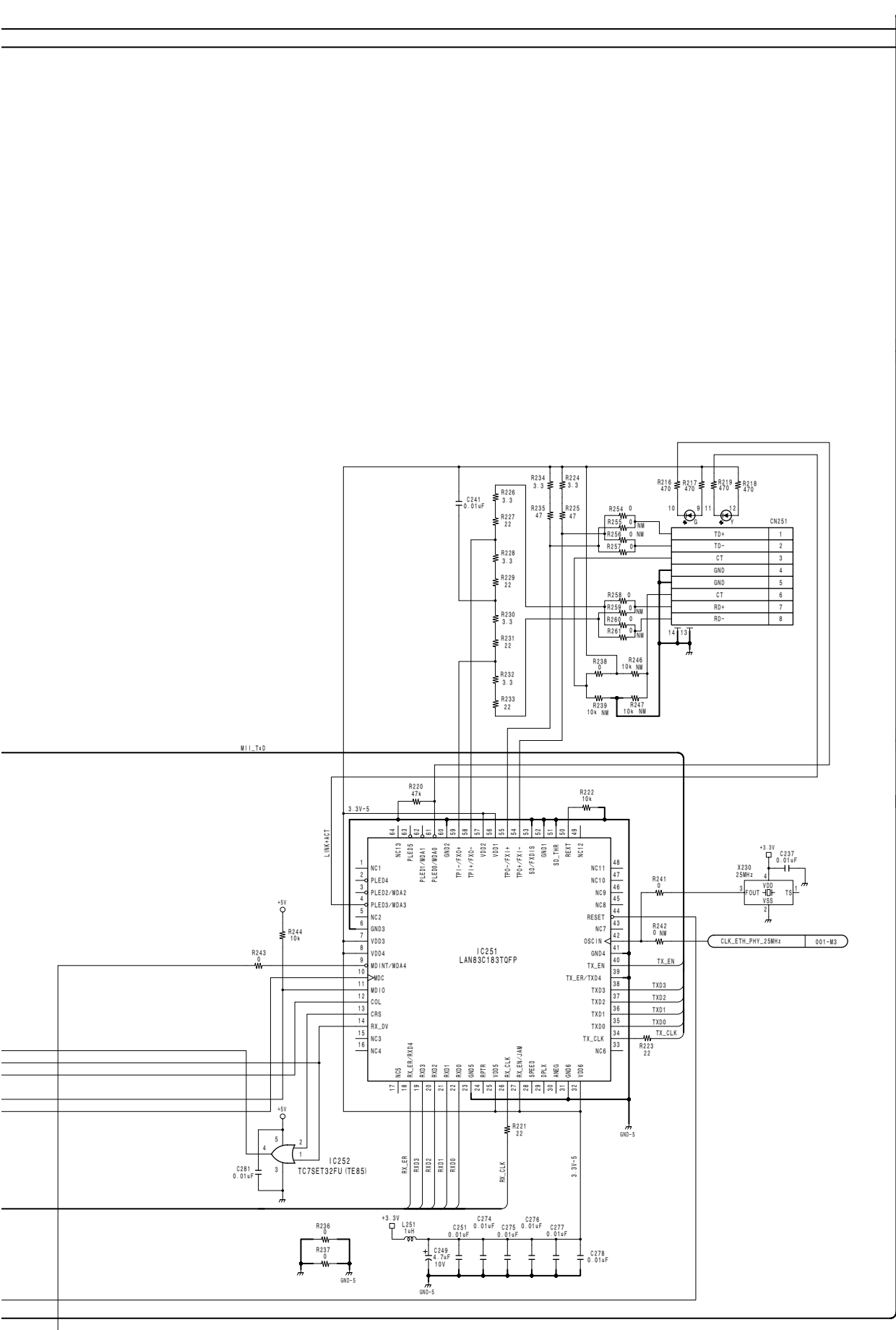
**EX-816**  
BOARD NO. 1-679-859-11  
LOT NO. 008-  
NMX-153\_EX-816\_001\_1

**IPM-93A**  
BOARD NO. 1-679-863-11  
LOT NO. 008-  
NMX-153\_IPM-93A\_001\_1







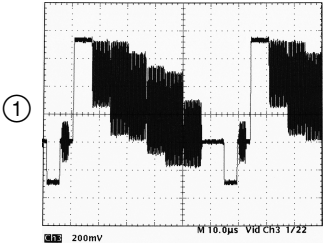




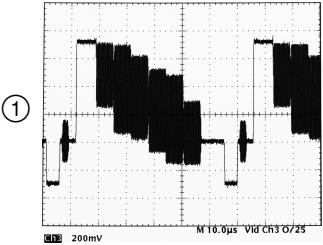




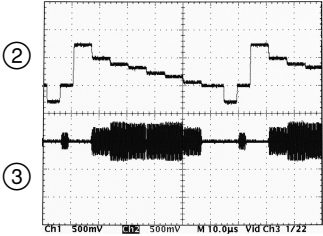
NTSC  
FL401 [1]



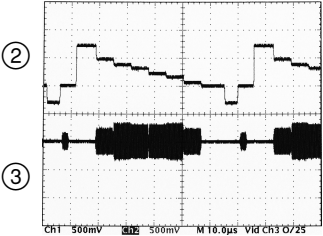
PAL  
FL401 [1]



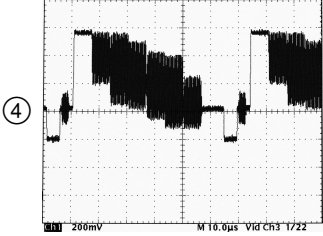
FL403 [1], FL402 [1]



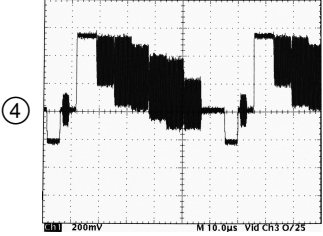
FL403 [1], FL402 [1]



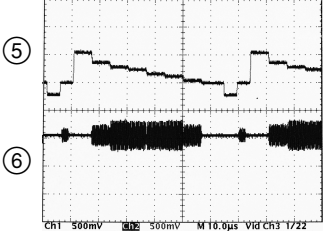
IC400 [12]



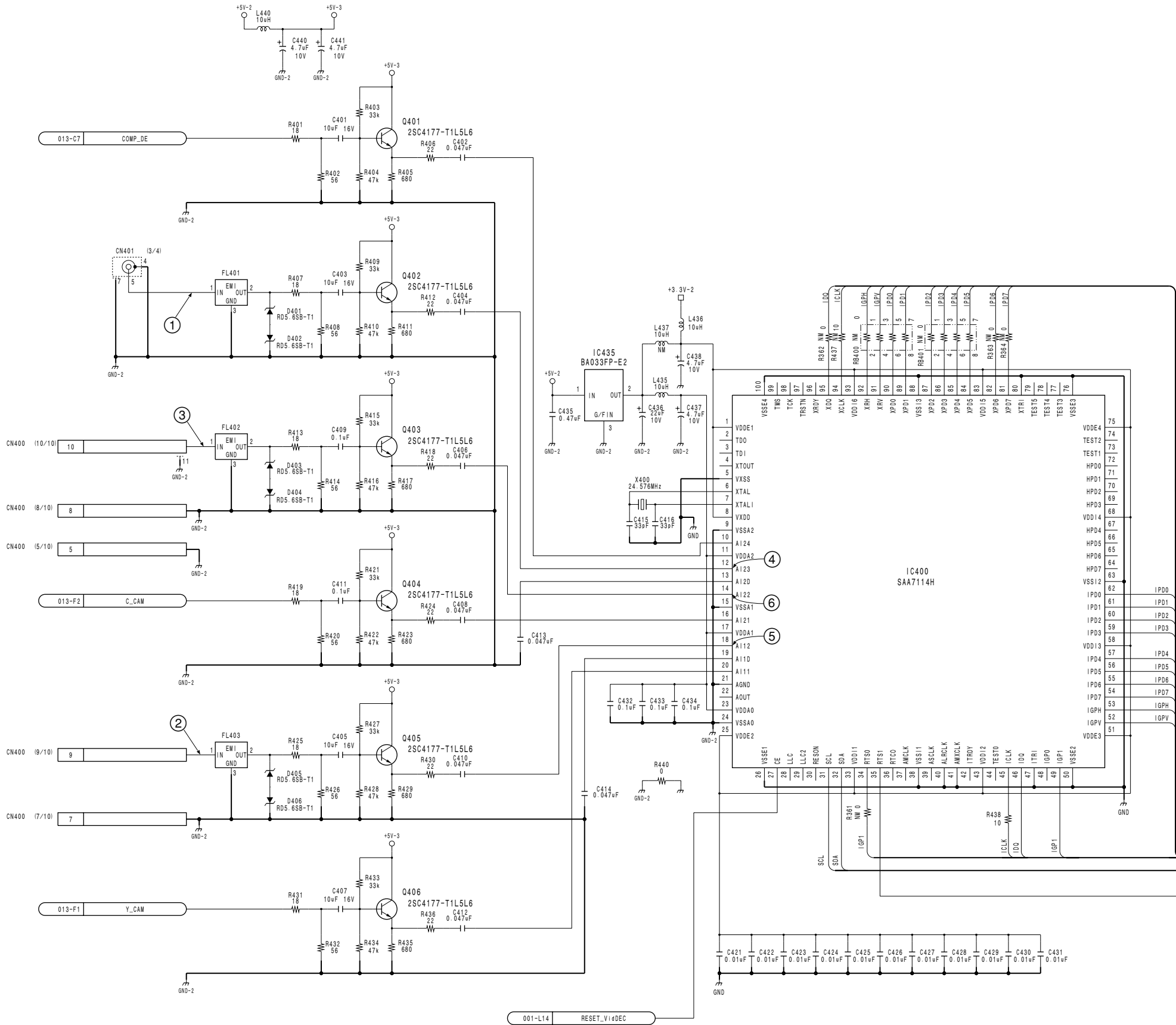
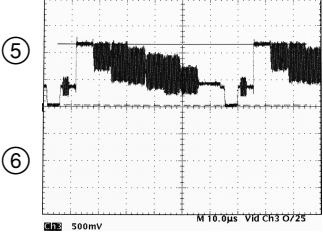
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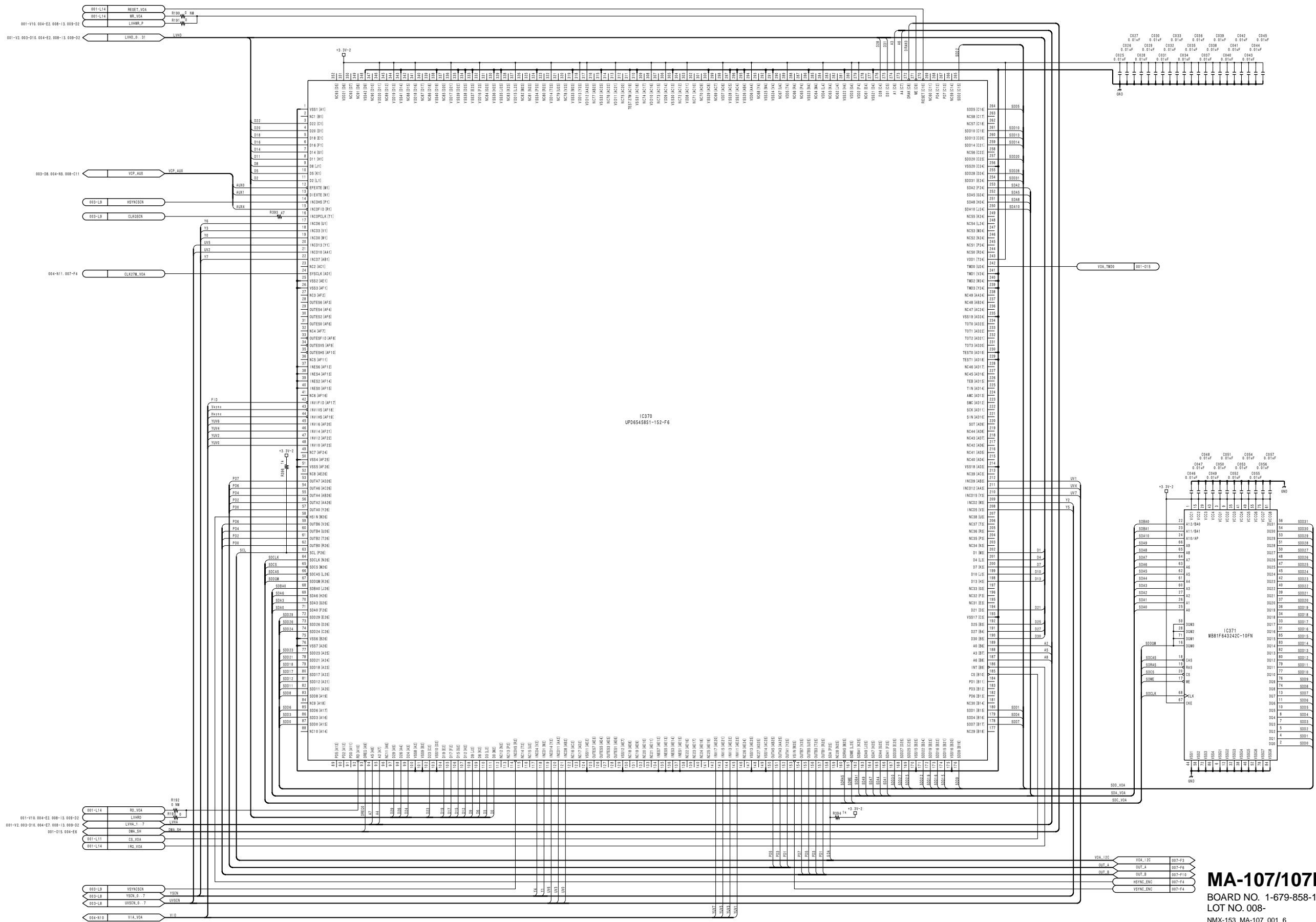


IC400 [18, 14]



IC400 [18, 14]

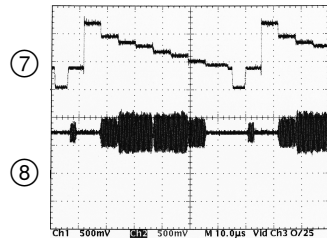




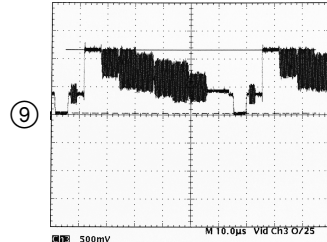
MA-107/107P (6/13)

BOARD NO. 1-679-858-11  
LOT NO. 008-  
NMX-153\_MA-107\_001\_6

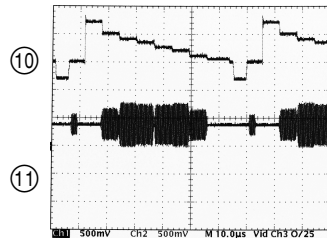
**PAL**  
IC450 [51, 48]



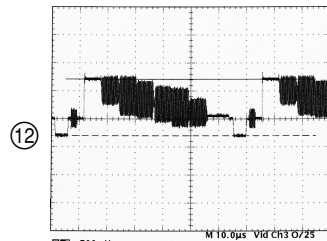
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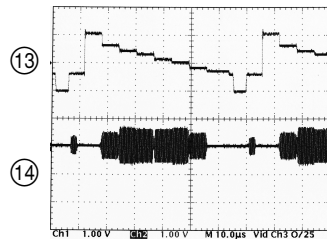
**Q45 [E], Q453 [E]**



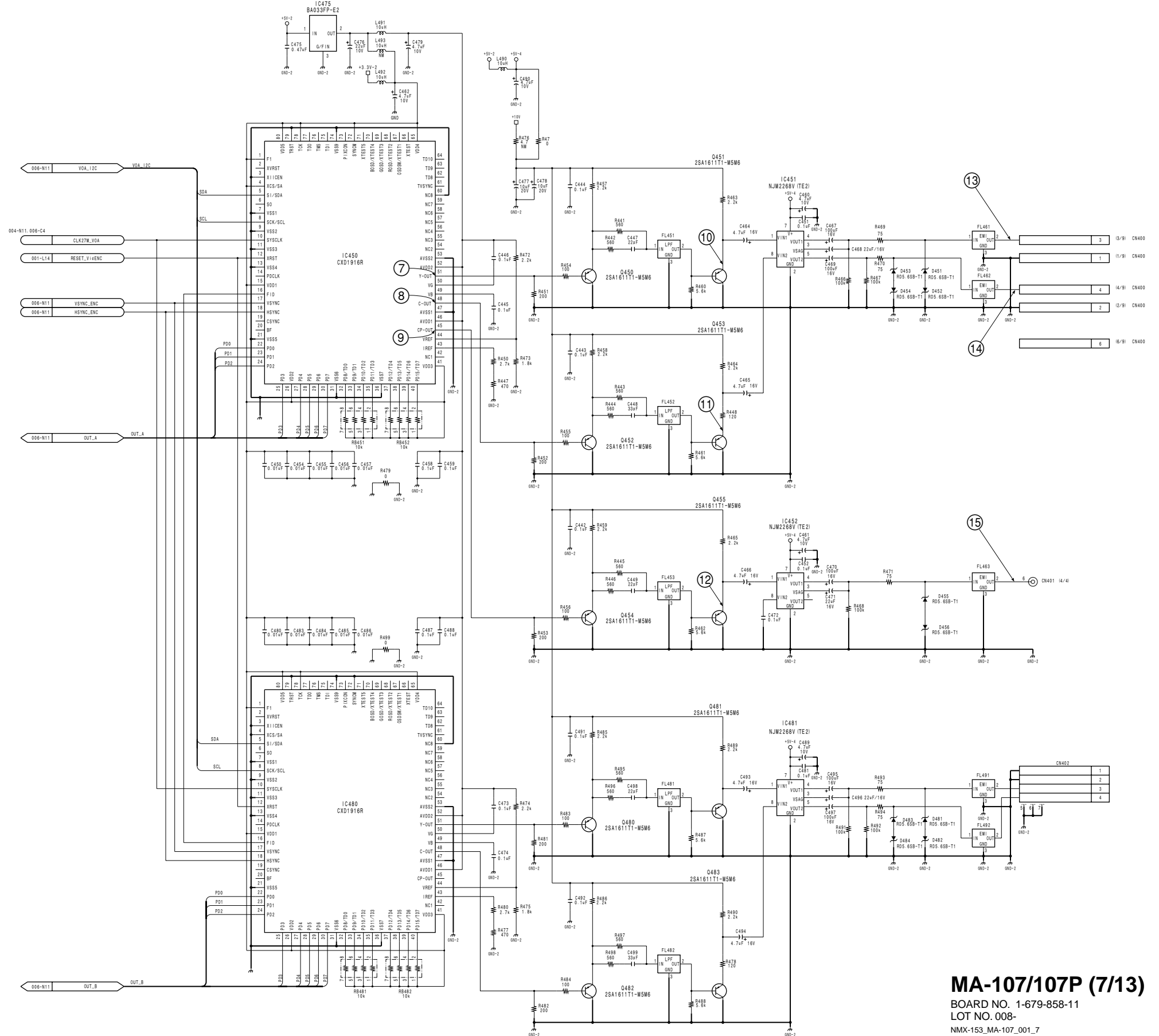
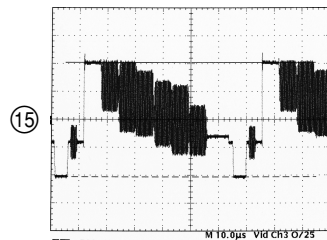
**Q455 [E]**



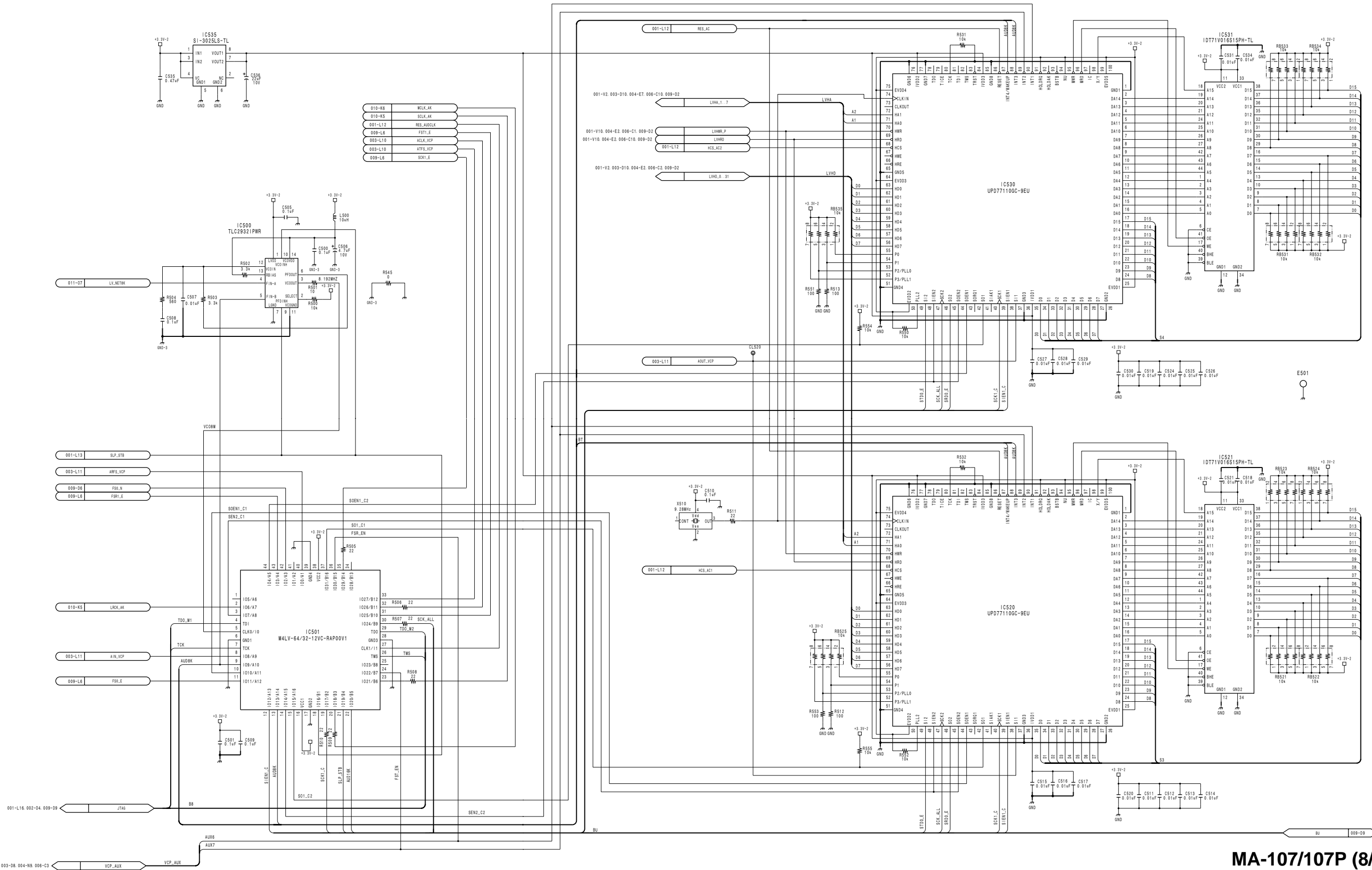
FL461 [2], FL462 [2]



FL463 [2]



**MA-107/107P (7/13)**  
BOARD NO. 1-679-858-11  
LOT NO. 008-  
NMX-153\_MA-107\_001\_7



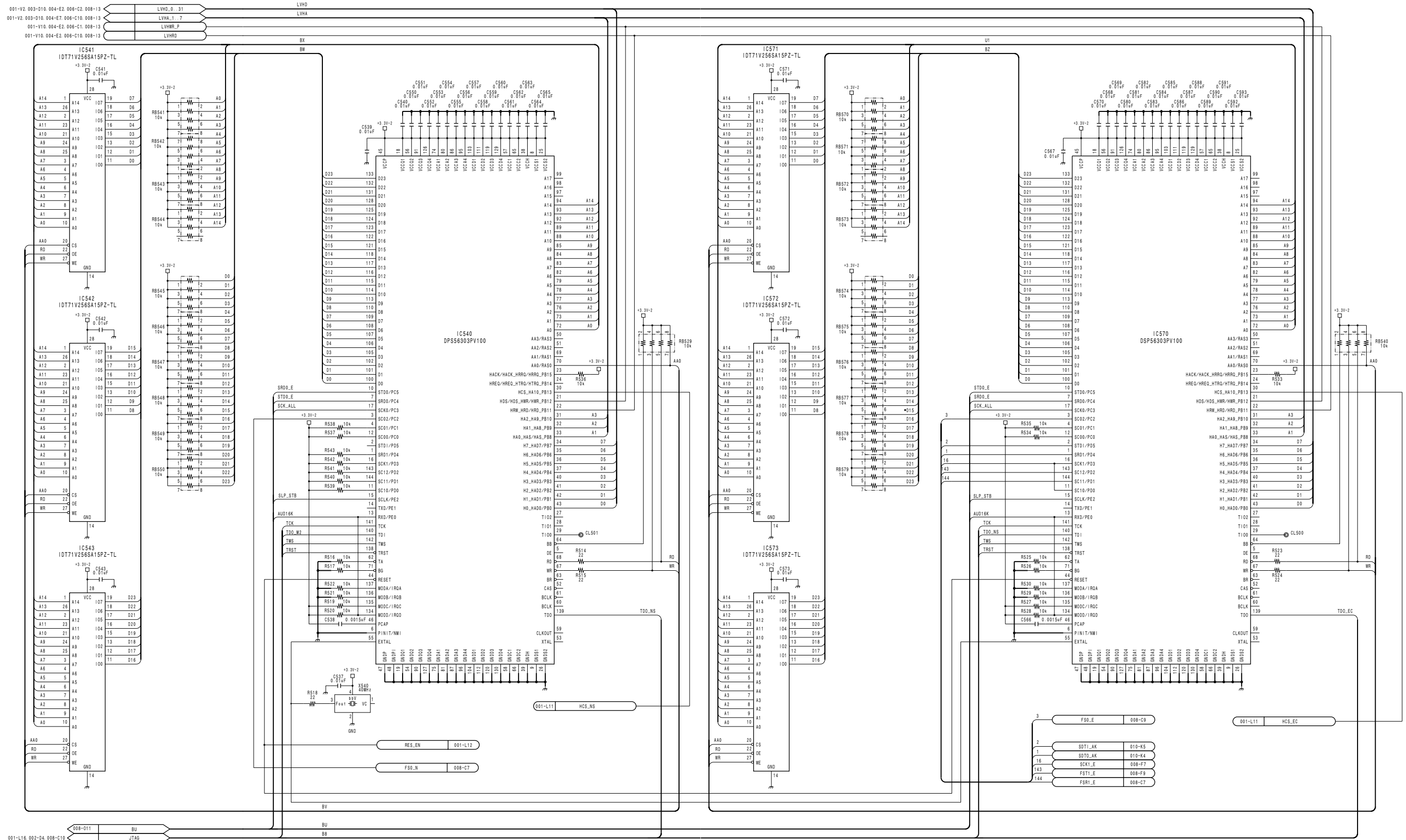
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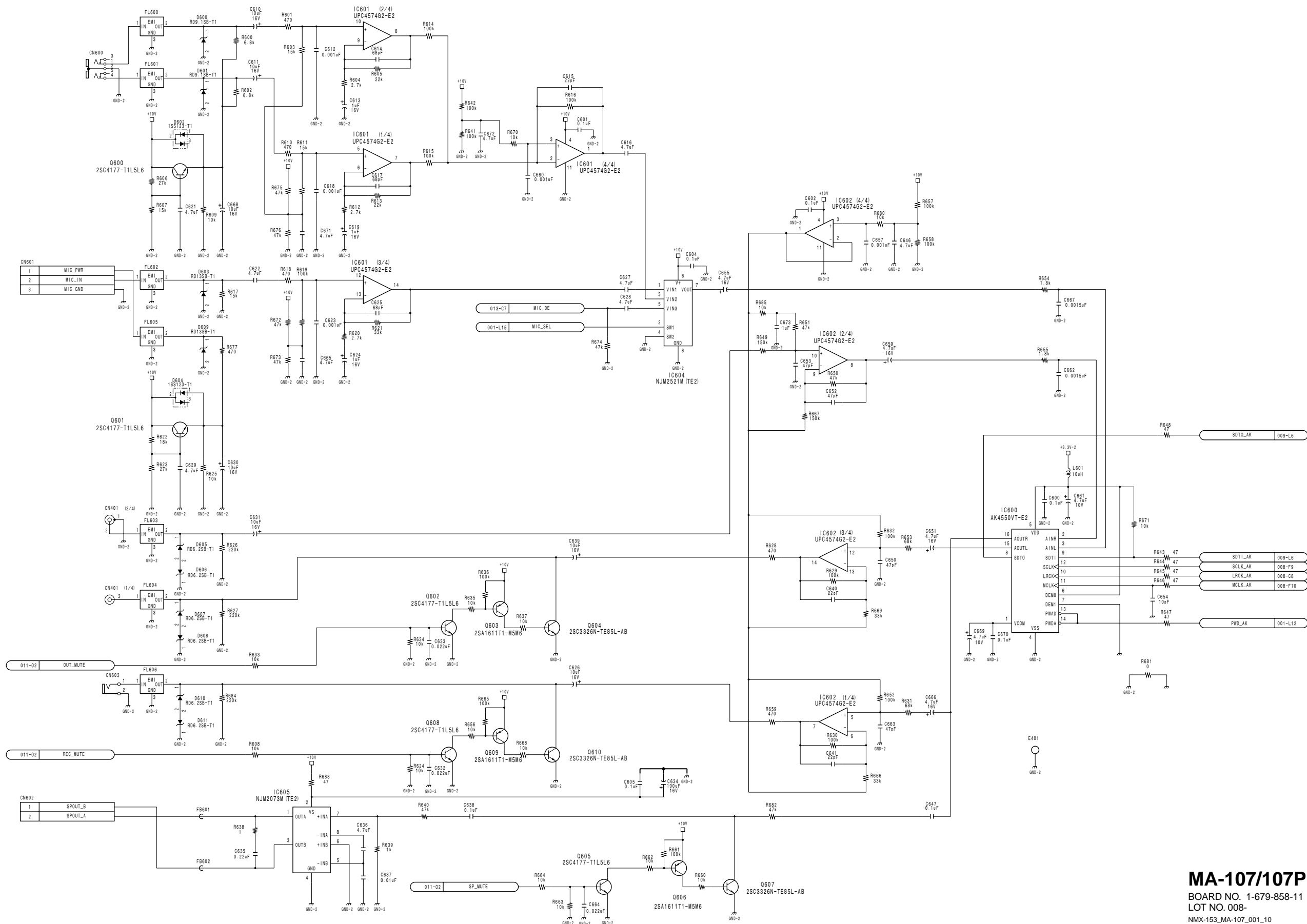


MA-107/107P (9/13)

BOARD NO. 1-679-858-11

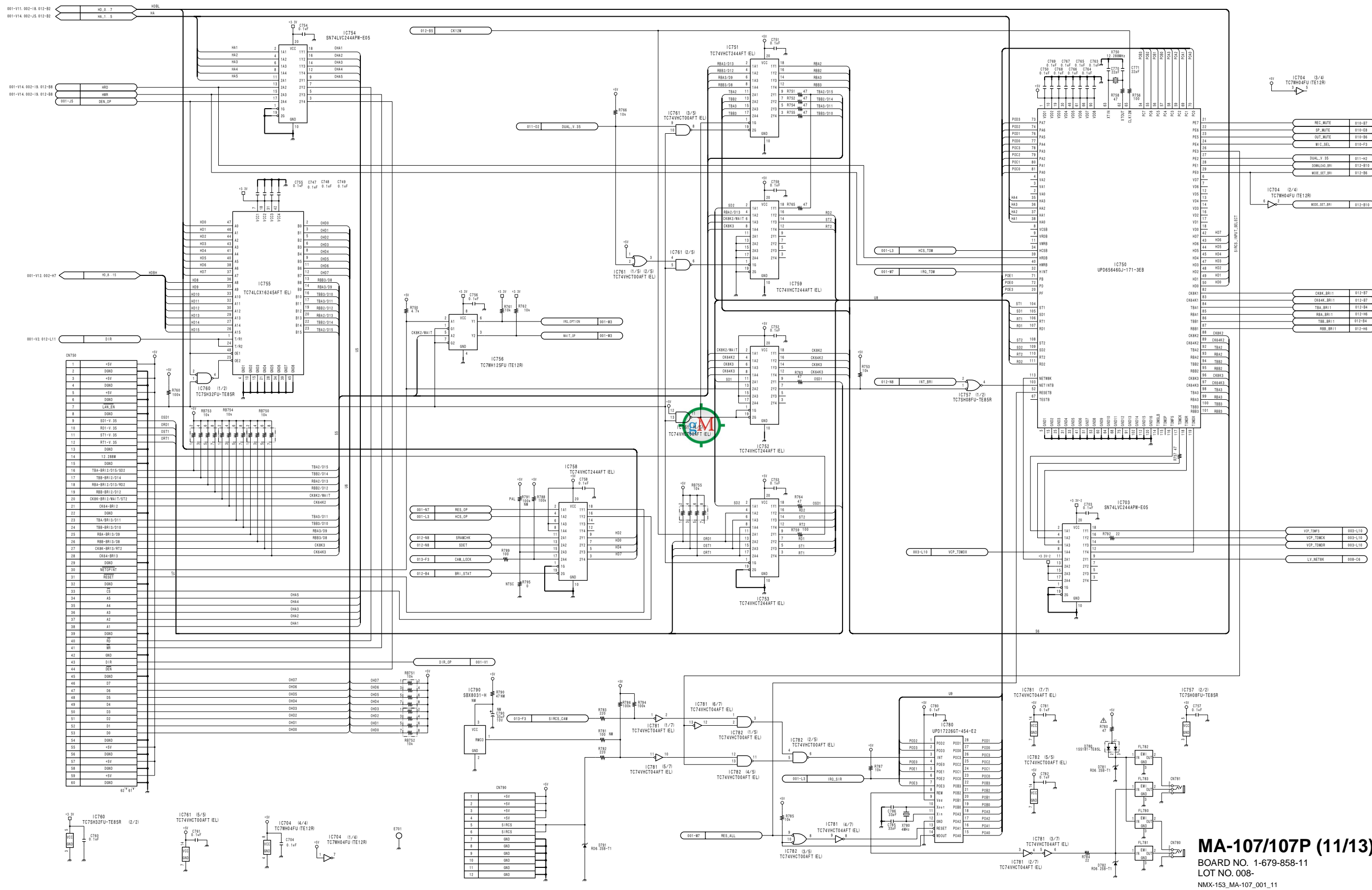
LOT NO. 008-

NMX-153\_MA-107\_001\_9

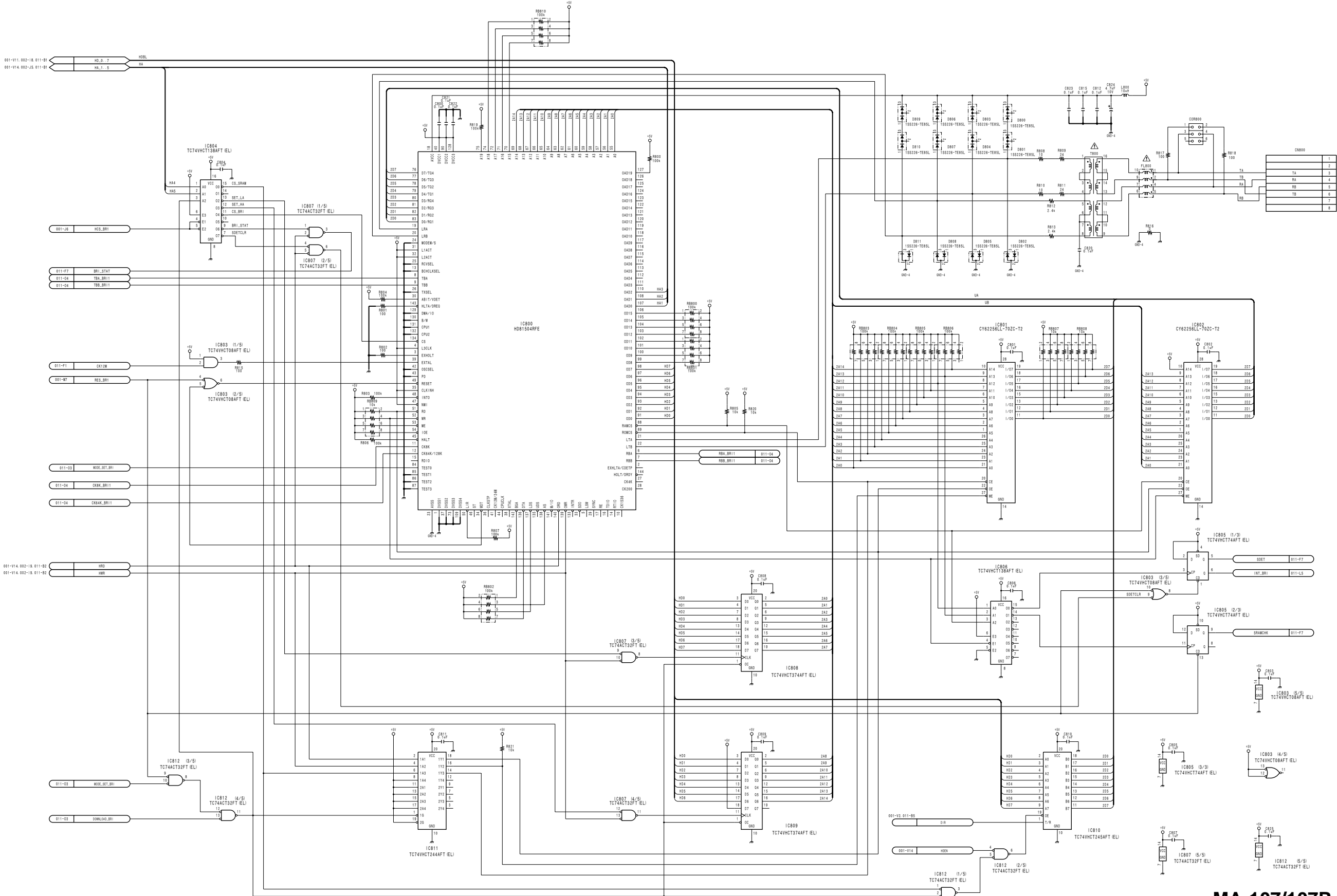


MA-107/107P (10/13)

BOARD NO. 1-679-858-11  
LOT NO. 008-  
NMX-153\_MA-107\_001\_10







MA-107/107P (12/13)  
BOARD NO. 1-679-858-11  
LOT NO. 008-  
NMX-153\_MA-107\_001\_12

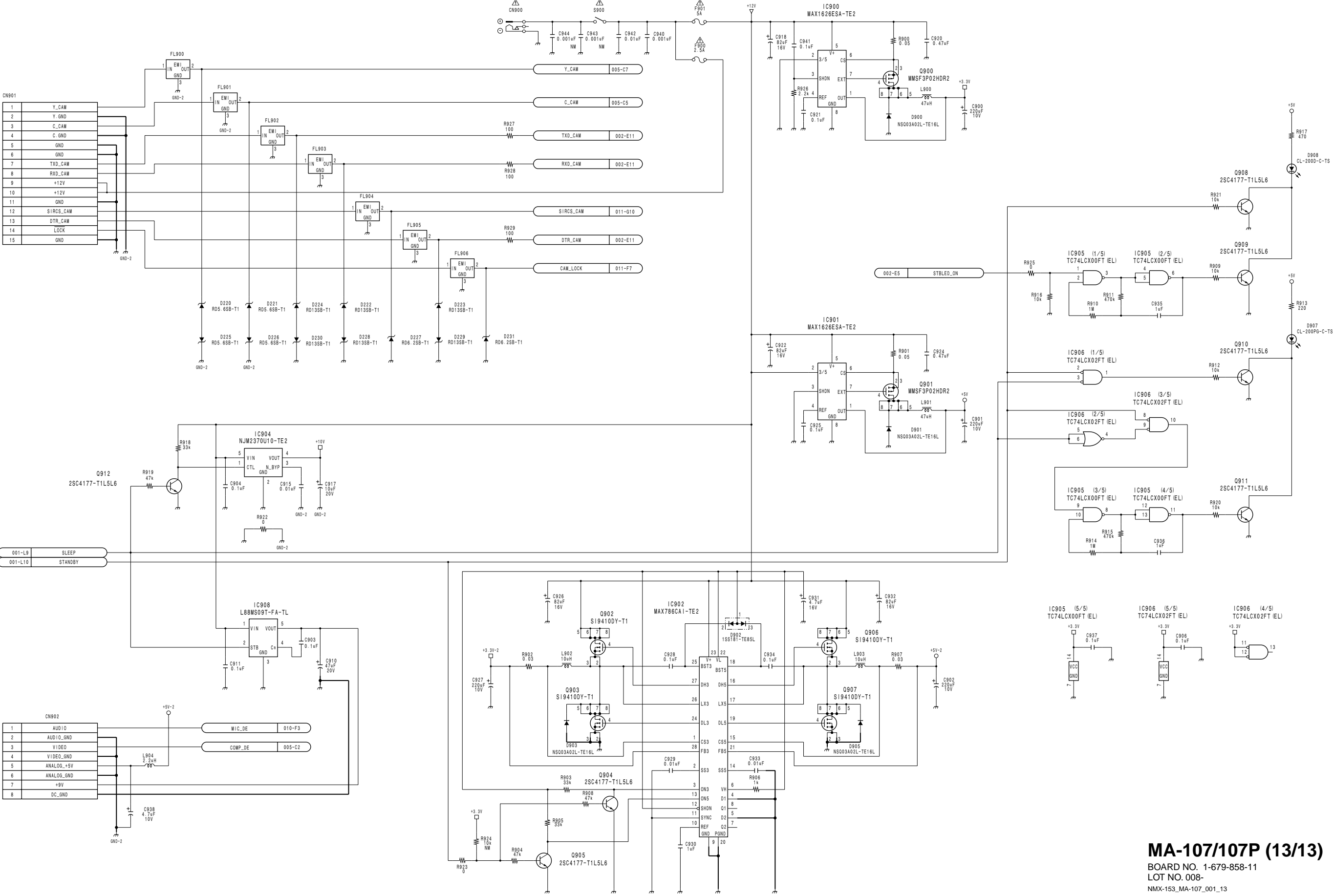
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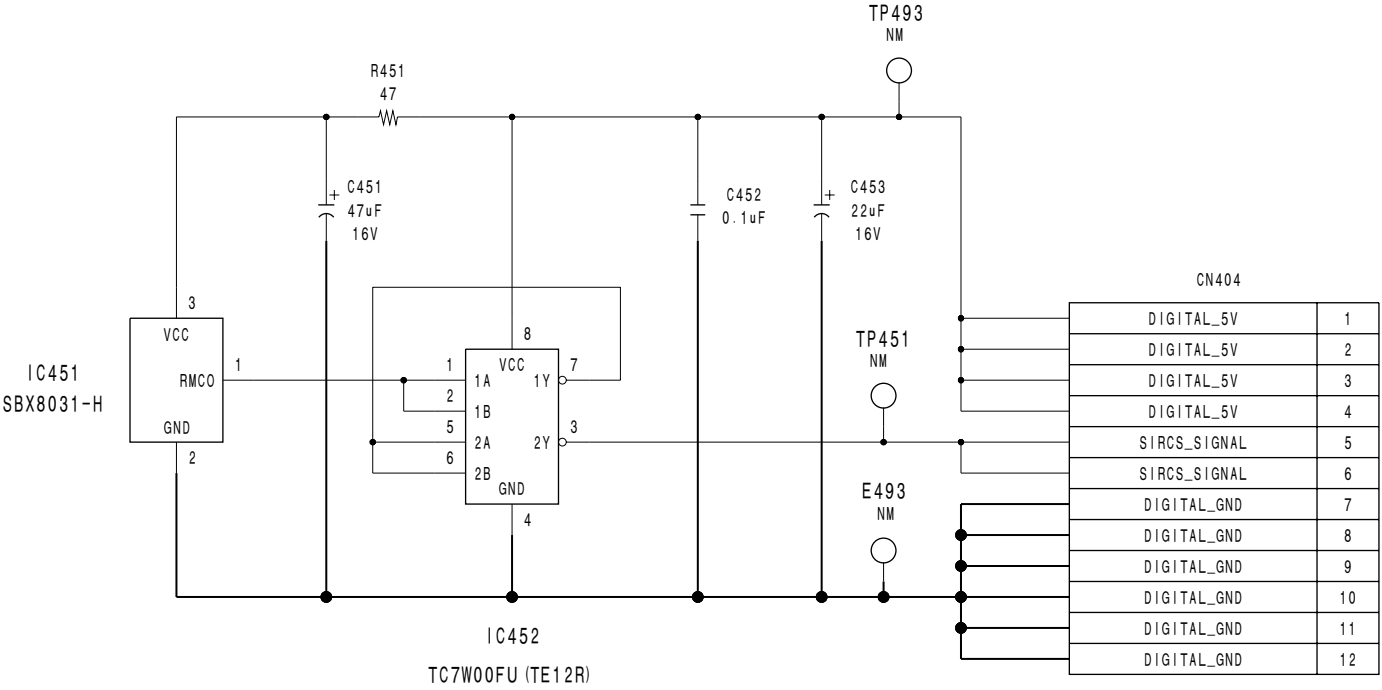
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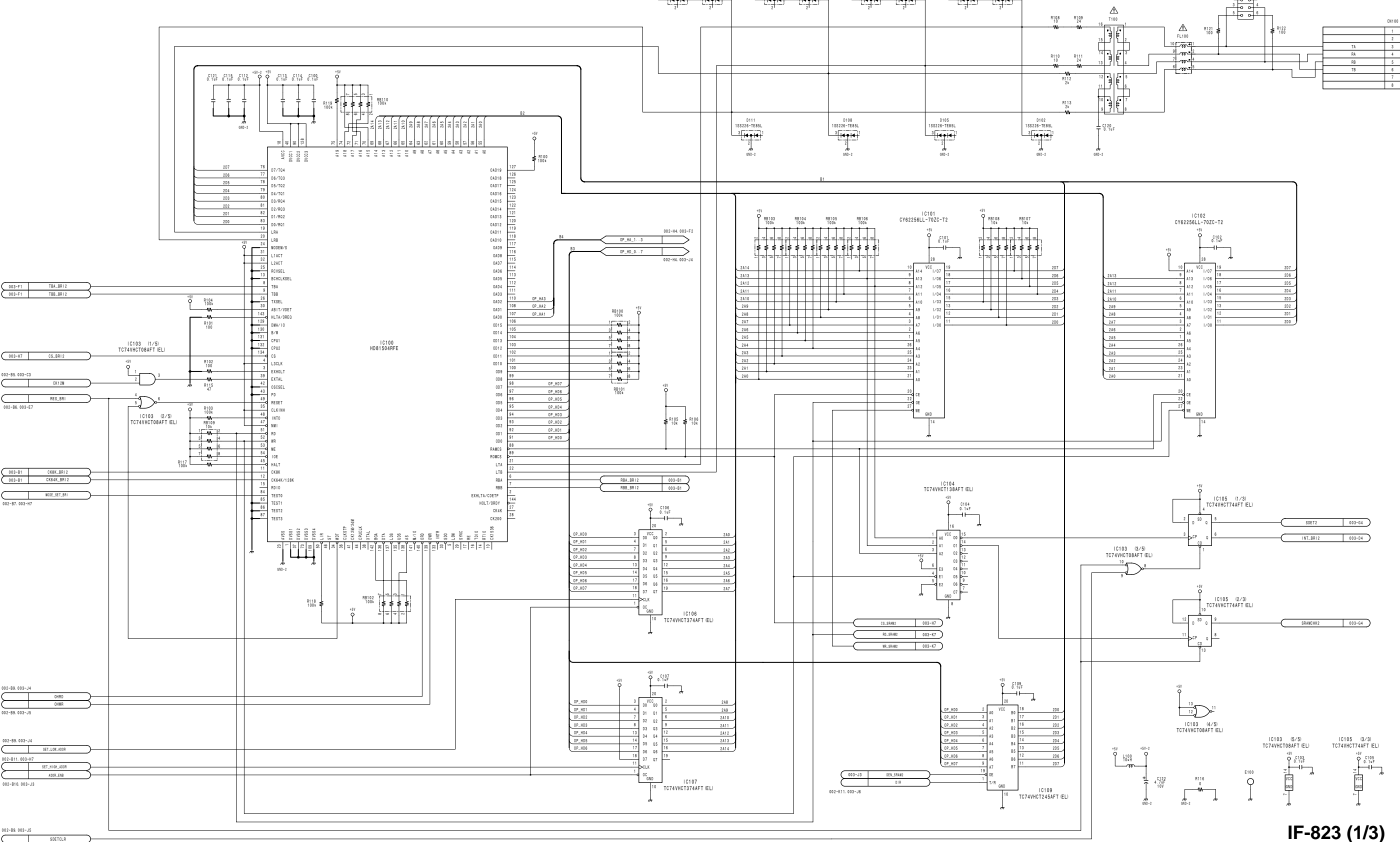
5



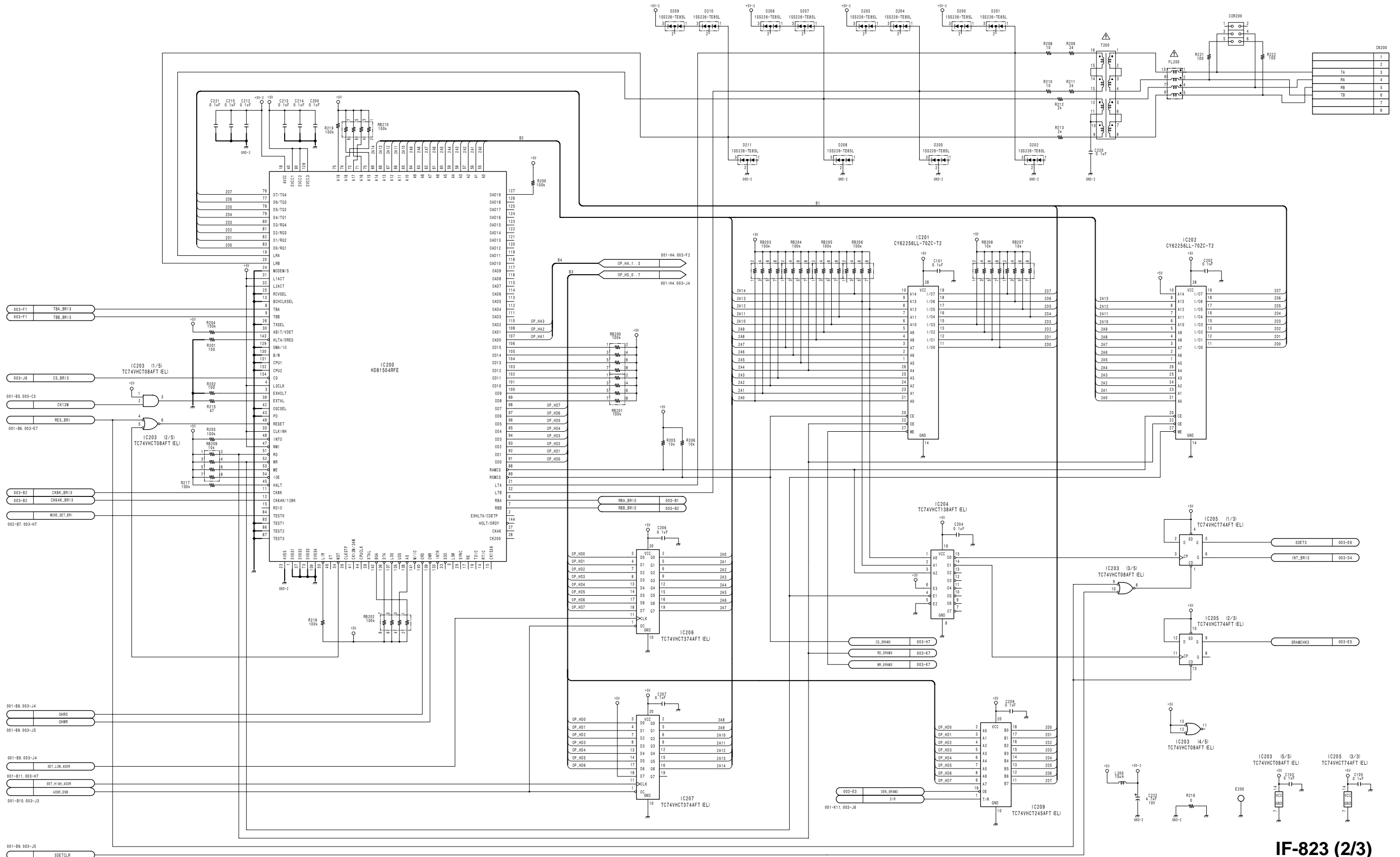
MA-107/107P (13/13)  
BOARD NO. 1-679-858-11  
LOT NO. 008-  
NMX-153\_MA-107\_001\_13



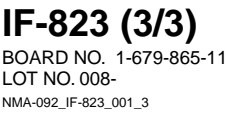
Option boards

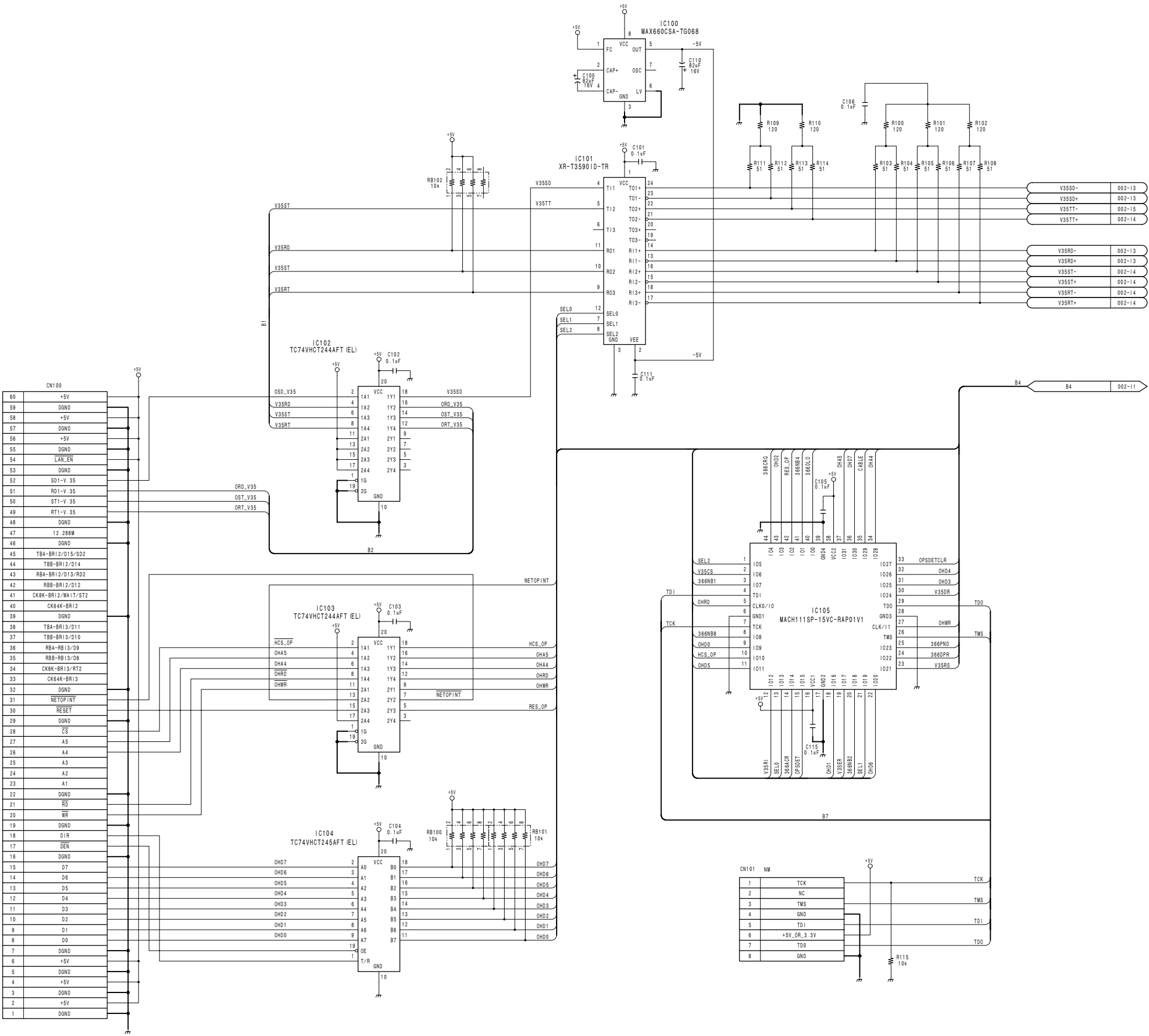


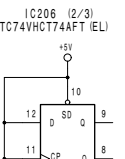
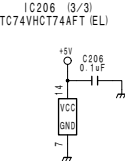
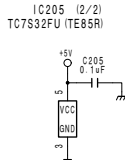
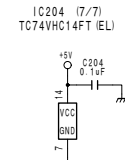
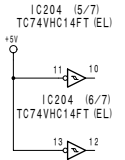
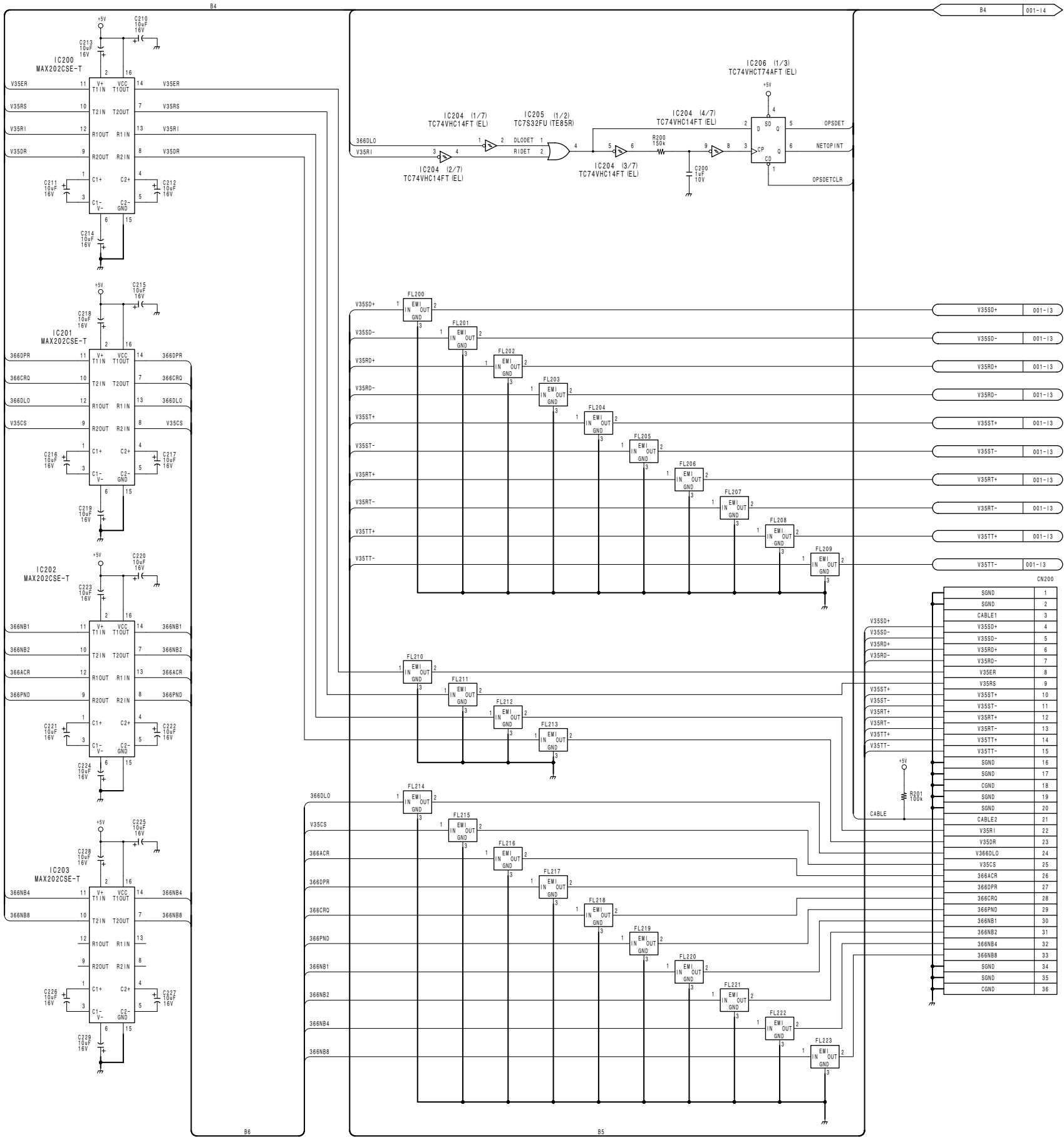
IF-823 (1/3)  
BOARD NO. 1-679-865-11  
LOT NO. 008-  
NMA-092\_IF-823\_001\_1



**IF-823 (2/3)**  
BOARD NO. 1-679-865-11  
LOT NO. 008-  
NMA-092\_IF-823\_001\_2













PCS-1600 (J, UC)  
PCS-1600P (CE) J, E  
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